



Welcome to More Choice

BD Multicolor Antibody Reagents Catalog

2nd Edition

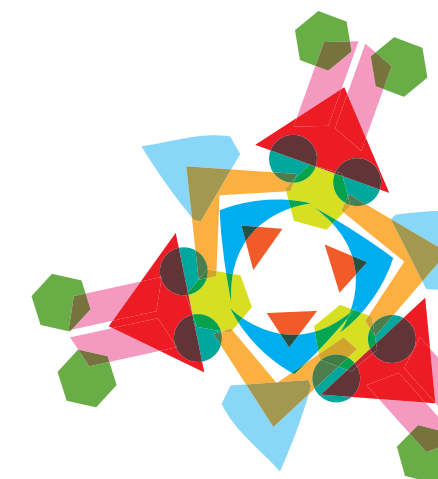
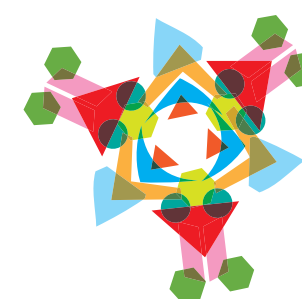
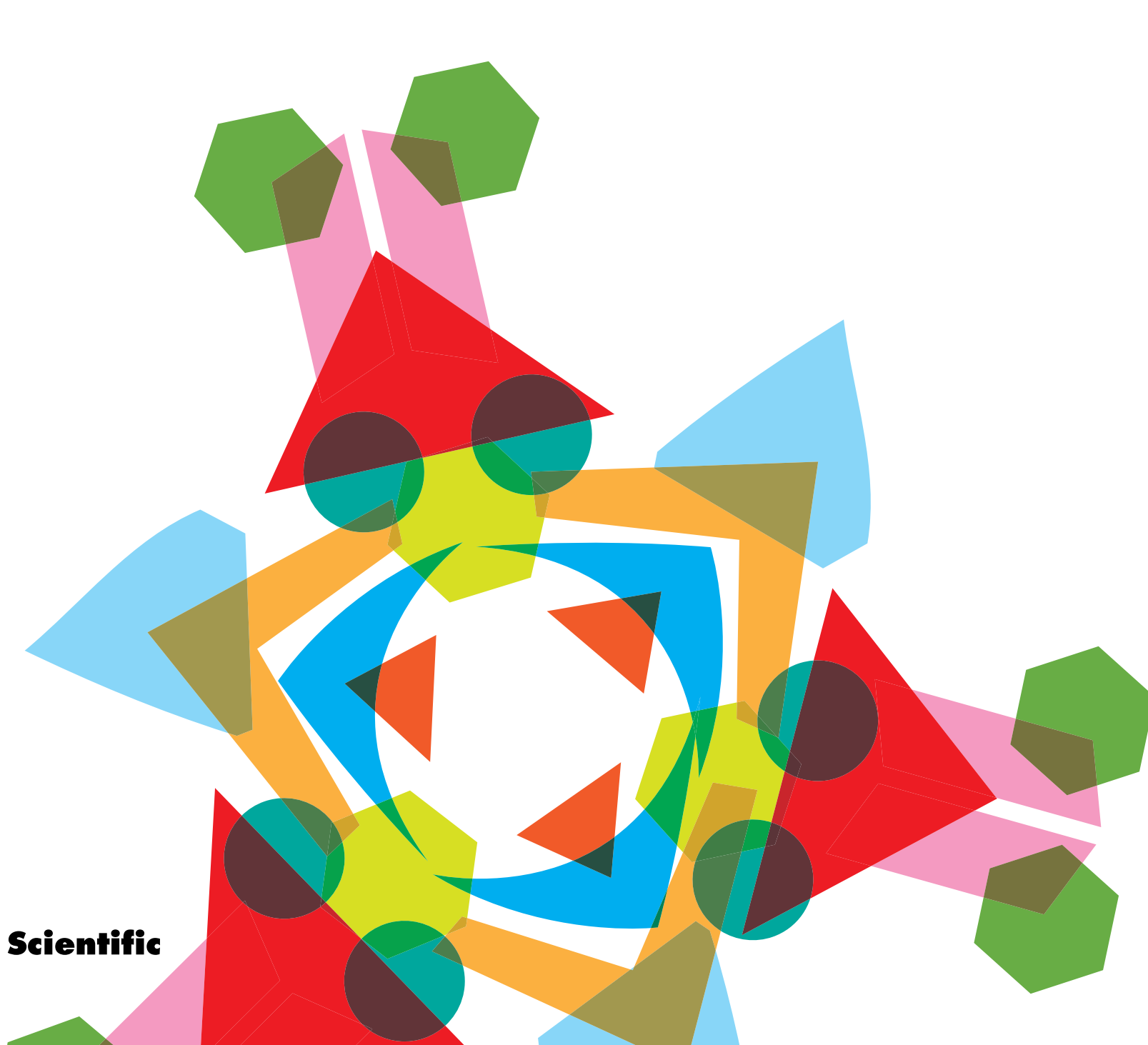


Human

Mouse

Non-Human Primate

Choose from our extensive portfolio of high-quality fluorescent-conjugated reagents to build your multicolor flow cytometry panels.



Welcome to More Choice

BD Multicolor Antibody Reagents Catalog

Human

Mouse

Non-Human Primate

BD continues to provide more choices for multicolor flow cytometry applications by expanding our portfolio and color options.

- Try our new BD Horizon™ V500 conjugated antibodies which have been optimized for BD flow cytometers equipped with a violet laser. BD Horizon V500 has improved brightness over Pacific Orange™ and reduced spillover into the FITC channel compared to AmCyan.
- Look for newly released products as we continue our commitment to provide more choices for multicolor assays.

More Sizes

BD now offers a wide variety of antibody conjugates in our new 25 test or 25 µg vial size.

- Use these small size formats to determine feasibility of pilot experiments
- Design and optimize multicolor panels with our small sizes

These products are denoted by **bold** catalog numbers in this catalog.



BD Biosciences Fluorochrome Specifications

Use our Fluorochrome Specifications chart to determine which fluorochromes are excited by the lasers on your instrument. Visit bdbiosciences.com/colors for more detailed information about our newest fluorochromes and instrumentation, as well as tools to help you build multicolor panels.




| Fluorochrome | Fluorescence Emission Color | Ex-Max (nm) | Excitation Laser Line (nm)* | Em-Max (nm) | Analyzers | | | | | | | | Sorters | | | |
|-------------------------|-----------------------------|-------------|-----------------------------|-------------|-------------|--------------|-----------------|---------------|------------------|--------------------------|--------------------------|-------------------------------|--------------------|---------------------|------------|---|
| | | | | | BD FACScan™ | BD FACSAria™ | BD FACSCalibur™ | BD FACSCanto™ | BD FACSCanto™ II | Special Order BD™ LSR II | Preconfigured BD™ LSR II | Special Order BD LSRFortessa™ | BD FACSVantage™ SE | BD FACSAria™ family | BD Influx™ | |
| BD Horizon™ V450 | Blue | 404 | 405, 407 | 448 | | | | | | ● | ● | ● | ● | ● | ● | ● |
| Pacific Blue™ | Blue | 401 | 405, 407 | 452 | | | | | | ● | ● | ● | ● | ● | ● | ● |
| BD Horizon™ V500 | Green | 415 | 405, 407 | 500 | | | | | | ● | ● | ● | ● | ● | ● | ● |
| AmCyan | Green | 457 | 405, 407 | 491 | | | | | | ● | ● | ● | ● | ● | ● | ● |
| Alexa Fluor® 488 | Green | 495 | 488 | 519 | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| FITC | Green | 494 | 488 | 519 | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| PE | Yellow | 496, 564 | 488, 532, 561 | 578 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| PE-Texas Red® | Orange | 496, 564 | 488, 532, 561 | 615 | ● | | | | ● | ● | ● | ● | ● | ● | ● | ● |
| Texas Red® | Orange | 595 | 595 | 615 | | | | | | ● | | ● | ● | ● | | |
| APC† | Red | 650 | 595, 633, 635, 640, 647 | 660 | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Alexa Fluor® 647 | Red | 650 | 595, 633, 635, 640, 647 | 668 | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| PE-Cy™5† | Red | 496, 564 | 488, 532, 561 | 667 | ● | | ● | | | ● | ● | ● | ● | ● | ● | ● |
| PerCP | Red | 482 | 488, 532 | 678 | ● | | ● | ● | ● | ● | ● | ● | ● | ‡ | ● | ‡ |
| PerCP-Cy™5.5 | Far Red | 482 | 488, 532 | 695 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Alexa Fluor® 700 | Far Red | 696 | 633, 635, 640 | 719 | | | | | ● | ● | ● | ● | ● | ● | ● | ● |
| PE-Cy™7 | Infrared | 496, 564 | 488, 532, 561 | 785 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| APC-Cy7 | Infrared | 650 | 595, 633, 635, 640, 647 | 785 | | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| BD APC-H7 | Infrared | 650 | 595, 633, 635, 640, 647 | 785 | | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |

* The excitation laser line represents commonly used lasers that excite the fluorochrome. It does not necessarily reflect the lasers available for each particular instrument.

† APC and PE-Cy5 may be used together on instruments with cross-beam compensation.

‡ Sensitivity for PerCP with stream-in-air sorters is reduced and is only recommended for known highly expressed markers.

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BD Multicolor Antibody Reagents Catalog

Human Antibody Reagents

Choose from our extensive portfolio of high-quality fluorescent-conjugated reagents to build your multicolor flow cytometry panels.



| Surface Markers | | | Violet Laser (405 nm) | | | | Blue Laser (488 nm) | | | | | | | Green Laser (532 nm) / Yellow-Green Laser (561 nm) | | | | Red Laser (640 nm) | | | | | Biotin | | | |
|-----------------|----------|------------|-----------------------|------------------|---------------|---------|---------------------|----------------------------|------------------|----------------------------|---------------|--------|------------------|--|-----------------------------|----------------------------|---------------|--------------------|-----------------------------|----------------------------|------------------|------------------|-------------------|-----------------------------|------------------|--------|
| | | | 1 | | 2 | | 1 | | 2 | 3 | 4 | | | 5 | 1 | 2 | 3 | 4 | 1 | | 2 | 3 | | | | |
| Product Name | Clone | Reactivity | Emission Max | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 668 nm | 668 nm | 719 nm | 785 nm | 785 nm | | |
| | | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | |
| Annexin V | – | – | | 560506 | | | | 560931 566420 556419 | | 560930 556422 556421 | | | | | | 560930 556422 556421 | | | | 561012 550475 550474 | | | | 556418 556417 | | |
| CD1a | HI149 | Hu | | | | | | 560945 555806 | | 555807 | | | 555808 | | | 555807 | | 555808 | | 559775 | | | | | | |
| | SK9 | Hu | | | | | | | | 341651* | | | | | | 341651* | | | | | | | | | | |
| CD1b | M-T101 | Hu | | | | | | 555969 | | | | | | | | | | | | | | | | | | |
| CD1d | CD1d42 | Hu | | | | | | | | 550255 | | | | | | 550255 | | | | | | | | | | |
| CD2 (LFA-2) | RPA-2.10 | Hu | | | | | | 555326 | | 555327 | | | 555328 | | 560643 BD | 555327 | | 555328 | | 560642 | | | | | 555325 | |
| | L303.1 | Hu | | | | | | | | | | | | | 335786* | | | | 335786* | | | | | | | |
| | S5.2 | Hu | | 644485* | | | | 347593* | | 347597* | | | | | | 347597* | | | | 341022* | | | | | | |
| CD3 | HIT3a | Hu | | | | | | 555339 | | 555340 | | | 561006 555341 | | | 555340 | | 561006 555341 | | 555342 | | | | | 555338 | |
| | SK7 | Hu | | | | 339186* | | | | 347347* | | | 347344* | 340949* | 560919 341091* 557851 | 347347* | | | 341091* 557851 560910 | 340440* | | | 341090* 557832 | 560275 560176 641397* | | |
| | UCHT1 | Hu | | 560366 560365 | 558117 | | | 555332 555916 | 557694 | 555333 | | | 561007 555334 | | 560835 | 555333 | | 561007 555334 | | 555335 | 557706 | 561027 557943 | | | 555331 | |
| CD4 | RPA-T4 | Hu | | 560346 560345 | 558116 | | 560769 560768 | 561005 555346 | 557695 | 555347 | | | 561004 555348 | | 560650 | 560649 | 555347 | | 561004 555348 | 560649 | 555349 | 557707 | 561030 557922 | 557871 | 560251 560158 | 555345 |
| | SK3 | Hu | | | | 339187* | | | | 347327* | | | 347324* | 341654* | 560909 348789* 557852 | 347327* | | | 348789* 557852 | 340443* | | | 341095* | 641398* | 347321* | |
| CD4 v4 | L120 | Hu | | | | | | 340422* | | 340419* | | | | | | 340419* | | | | | | | | | | |
| CD5 | L17F12 | Hu | | 644487* | | | | 347303* | | 347307* | | | | 341089* | 348790* | 347307* | | | 348790* | 340583* | | | | | 347301* | |
| | UCHT2 | Hu | | | | | | 555352 | | 555353 | | | 555354 | | | 555353 | | 555354 | | 561003 555355 | | | 561159 BD | | 555351 | |
| CD6 | M-T605 | Hu | | | | | | 555357 | | 555358 | | | | | | 555358 | | | | | | | | | | |
| CD7 | 4H9 | Hu | | | | | | 347483* | | | | | | | | | | | | | | | | | | |
| | M-T701 | Hu | | 642916* | | | | 340737* 555360 | | 340581* 555361 | | | 555362 | | | 340581* 555361 | | 555362 | | | | | | | | |



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The BD logo indicates products unique to BD Biosciences.

* RUO (GMP) status reagents

† Symbol denotes multiple reactivities. To view all reactivities, please find the technical data sheet online at bdbiosciences.com.

Bold catalog numbers denote that the product is a small size (25–30 tests or 25 µg)

BD Multicolor Antibody Reagents Catalog **Human** Antibody Reagents

| Surface Markers | | | Violet Laser (405 nm) | | | | Blue Laser (488 nm) | | | | | | | Green Laser (532 nm) / Yellow-Green Laser (561 nm) | | | | Red Laser (640 nm) | | | | | Biotin | |
|--|----------|-----------------|-------------------------|---------------|---------|-------------------------|-------------------------|------------------|------------------------------------|---------------|--------|--------|---------------|--|------------------------------------|---------------|--------|-------------------------|-------------------------|------------------|-------------------------|-------------------------|-------------------|------------------------------------|
| | | | 1 | | 2 | | 1 | 2 | 3 | 4 | | 5 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | | | | | |
| Product Name | Clone | Reactivity | Emission Max 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | 785 nm | 785 nm | |
| | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | |
| CD8 | G42-8 | Hu | | | | | 551347 | | | | | | | | | | | | | | | | | |
| | HIT8a | Hu | | | | | 560960 555634 | | 560959 555635 | | 555636 | | | | 560959 555635 | | 555636 | | | | | | | |
| | RPA-T8 | Hu | 560348 560347 | 558207 | | 560775 560774 | 555366 | 557696 | 555367 | | 555368 | | 560662 | 560917 557746 | 555367 | | 555368 | 560917 557746 | 555369 | 557708 | 561026 557945 | | | 555365 |
| | SK1 | Hu | | | 339188* | | 347313* | | | | | | 347314* | 341051* | 335787* | | | | 335787* | 340584* | | | 348793* 557834 | 560273 560179 641400* |
| CD8b | 2ST8.5H7 | Hu | | | | | | | 641057* | | | | | | 641057* | | | | 641058* | | | | | |
| CD9 | M-L13 | Hu | | | | | 341646* 555371 | | 341647* 555372 | | | | | 341649* | 341647* 555372 | | | | 341648* | | | | | |
| CD10 | HI10a | Hu | | | | | 340925* | | 561002 340921* 555375 | | 555376 | | | 341092* | 561002 340921* 555375 | | 555376 | 341092* | 340923* | | | | | |
| | W8E7 | Hu | | | | | 347503* | | | | | | | | | | | | | | | | | |
| CD11a (Integrin α ^L chain, LFA-1α) | HI111 | Hu [†] | | | | | 555383 | | 555384 | | 551131 | | | | 555384 | | 551131 | | 559875 | | | | | |
| | G-25.2 | Hu | | | | | 347983* | | | | | | | | | | | | | | | | | |
| | G43-25B | Hu | | | | | 555379 | | 555380 | | | | | | 555380 | | | | | | | | | |
| CD11b (CR3) | D12 | Hu | | | | | | | 347557* | | | | | | 347557* | | | | 340937* | | | | | |
| CD11b/Mac-1 (CR3) | ICRF44 | Hu [†] | 560481 560480 | 558123 | | | | 557701 | 561001 555388 | | 555389 | | | 557743 | 561001 555388 | | 555389 | 557743 | 561015 550019 | | 557918 | 560914 557754 | | 555387 |
| CD11c (Integrin α ^X chain) | B-ly6 | Hu | 560370 560369 | | | | | | 560999 555392 | | 551077 | | | | 560999 555392 | | 551077 | | 560895 559877 | | | | | |
| CD11c (ITGAX, CD11C Integrin α ^X chain) | S-HCL-3 | Hu | | | | | | | 347637* | | | | | | 347637* | | | | 340544* | | | | | |
| CD13 | L138 | Hu | | | | | | | 347837* | | | | | 338425* | 347837* | | | 338425* | | | | | | |
| | WM15 | Hu | | | | | | | 560998 555394 | | | | | | 560998 555394 | | | | 557454 | | | | | |



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|---|--------------|-----------------|-----------------------------|---------------|---------|------------------|---------------------|------------------|--------------------|---------------|------------------|--------|-------------|---------|--|--------------------|------------------|---------|-----------------------------|------------------|------------------|---------|-------------------|-----------------------------|------------------|--------|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | 5 | | 1 | 2 | 3 | 4 | 1 | | 2 | | 3 | |
| Product Name | Clone | Reactivity | Emission Max | | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | 785 nm | 785 nm | |
| | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | |
| CD14 | M5E2 | Hu [†] | | 558121 | | | 555397 | 557700 | 555398 | | | | | | 561116 550787 | 560919 557742 | 555398 | | | 560919 557742 | 555399 | | 561029 557923 | | | |
| | MφP9 | Hu | 560350 560349 | | | | 347493* | | 347497* | | | | 340585* | | | | 347497* | | | 340436* | | | 333945* 557831 | 560270 560180 641394* | | |
| CD15 | HI98 | Hu | | | | | 560997 555401 | | 555402 | | | | | 560828 | 560827 BD | 555402 | | | 560827 BD | 551376 | | | | | | |
| | MMA | Hu | 642917* | | | | 347423* | | | | | | | | | | | | | | | | | | | |
| CD16 | 3G8 | Hu [†] | 560475 560474 644489* | 558122 | | | 560996 555406 | | 560995 555407 | | 555408 | | | | 338426* 560717 | 560918 557744 | 560995 555407 | | 555408 | 560918 557744 | | 557710 | 557920 560713 | 557758 | 560248 560195 | 555405 |
| | B73.1 | Hu | | | | | | | 347617* | | | | | | 335788* | 347617* | | | | 335788* | | | | | | |
| | NKP15 | Hu | | | | | 347523* | | | | | | | | | | | | | | | | | | | |
| CD16b | CLB-gran11.5 | Hu | | | | | | | 550868 | | | | | | | | 550868 | | | | | | | | | |
| | L130 | Hu | | | | | 347953* | | | | | | | | | | | | | | | | | | | |
| CD18 (Integrin β ₂ chain, CR3/CR4) | 6.7 | Hu [†] | | | | | 555923 | | 555924 | | | 557528 | | | | | 555924 | | 557528 | | 551060 | | | | | |
| | 4G7 | Hu | | | | | 347543* | | | | | | 347544* | | | | | | | | | | | | | |
| CD19 | HIB19 | Hu | 560354 560353 | | | 561125 561121 | 560994 555412 | 557697 | 555413 | | 560993 555414 | | | 560728 | 555413 | | 560993 555414 | 560728 | 555415 | | 561031 557921 | | | 560727 | 555411 | |
| | SJ25C1 | Hu | 644491* | | 339190* | | 340409* | | 340364* | | | | 340421* | 340951* | 560911 341093* 557835 | 340364* | | | 560911 341093* 557835 | 340437* | | | 348794* 557791 | 560252 560177 641395* | | |
| | 2H7 | Hu | | | | | 560962 555622 | | 560961 555623 | | 555624 | | | 560736 | 560735 | 560961 555623 | | 555624 | 560735 | 560900 559776 | | 560631 | | 560734 | | |
| CD20 | L27 | Hu | 642274* 561164 | | | | 347673* | | 346595* 347201* | | | | 347674* | 340955* | 335793* | 346595* 347201* | | 335793* | 340941* | | | | 335794* | 641396* | | |
| | B-ly4 | Hu [†] | | | | | | | 555422 | | | 551064 | | | | 555422 | | 551064 | | 559867 | | | | | | |
| CD22 (BL-CAM) | HIB22 | Hu | | | | | 555424 | | | | | 555425 | | | | | | 555425 | | | | | | | | |
| | S-HCL-1 | Hu | | | | | 347573* | | 347577* | | | | | | | 347577* | | | | 340933* | | | | | | |



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| | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | |
| CD23 | EBVCS-5 | Hu | | | | | | | 341007* | | | | | | 341007* | | | | | 340935* | | | | | |
| | M-L233 | Hu | | | | | | | 555711 | | | | | | 555711 | | | | | 558690 | | | | | 555709 |
| CD24 (Heat Stable Antigen) | ML5 | Hu | | | | | 560992 555427 | | 560991 555428 | | | | | | 560991 555428 | | | | | | | | | | |
| CD25 (IL-2 Receptor α chain) | 2A3 | Hu | | | | | 347643* | | 341009* | | | | | 335789* | 341009* | | | | 335789* | 340939* | | | | | |
| | M-A251 | Hu | 560356 560355 | | | | 560990 555431 | | 560989 555432 | | 560988 555433 | | 560503 | 560920 557741 | 560989 555432 | | 560988 555433 | 560920 557741 | 560987 555434 | | | 557753 | 560244 560225 | | |
| CD26 | L272 | Hu | | | | | 340426* | | 340423* | | | | | | 340423* | | | | | | | | | | |
| | M-A261 | Hu | | | | | 555436 | | 555437 | | | | | | 555437 | | | | | | | | | | |
| CD27 | L128 | Hu | | | | | 340424* | | 340425* | | | | | | 340425* | | | | | 337169* | | | | | |
| | M-T271 | Hu† | 560458 560448 | | | 561223 561222 | 560986 555440 | | 560985 555441 | | | | 560612 | 560609 | 560985 555441 | | | | 560609 | 558664 | | 560611 | | 560223 560222 | |
| CD28 | CD28.2 | Hu | | | | | 555728 | | 555729 | | 555730 | | | 560684 | 555729 | | 555730 | 560684 | 559770 | | | | | | 555727 |
| | L293 | Hu | | | | | | | 348047* | | | | 337181* | | 348047* | | | | | | | | | | |
| CD29 (IL-2 Receptor β ₁ chain) | MAR4 | Hu | | | | | | | 555443 | | 559882 | | | | 555443 | | 559882 | | | 559883 | | | | | |
| | HUTS-21 | Hu | | | | | | | 556049 | | | | | | 556049 | | | | | | | | | | |
| CD30 (Ki-1) | BerH8 | Hu | | | | | 555829 | | 550041 | | | | | | 550041 | | | | | | | | | | 555828 |
| | Ber-H83 | Hu | | | | | 341644* | | 341645* | | | | | | 341645* | | | | | | | | | | |
| CD31 (PECAM-1) | L133.1 | Hu | | | | | | | 340297* | | | | | | 340297* | | | | | | | | | | |
| | M89D3 | Hu | | | | | | 558068 | | | | | | | | | | | | 558094 | | | | | |
| | WM59 | Hu | | | | | 560984 555445 | | 560983 555446 | | | | | | 560983 555446 | | | | | | | | | | |
| CD32 (FcγRII) | 3D3 | Hu | | | | | 552883 | | 552884 | | | | | | 552884 | | | | | | | | | | |
| | FLI8.26 | Hu | | | | | 555448 | | 550586 | | | | | | 550586 | | | | | 559769 | | | | | |
| CD33 | HIM3-4 | Hu | | | | | 555626 | | | | | | | | | | | | | | | | | | |
| | P67.6 | Hu | | | | | 340533* | | 347787* | | | | | 341650* | 333946* | 347787* | | | 333946* | 340474* | | | | | |
| | WM53 | Hu | 561157 | | | | | | 555450 | | 551377 | | | | 555450 | | 551377 | | | 551378 | | 561160 | | | |



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| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | 5 | | 1 | 2 | 3 | 4 | 1 | | 2 | | 3 | |
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| | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | |
| CD34 (gp 105-120) | 563 | Hu | | | | | | | 550761 | | | | | | | 550761 | | | | | | | | | | |
| | 581 | Hu | | | | | | 560942 555821 | | 560941 555822 | | | 555823 | | | 560710 | 560941 555822 | | 555823 | 560710 | 560940 555824 | | | | | |
| | 8G12 | Hu | | | | | | 348053* | | 348057* | | | | 340430* | 347203* | 348791* | 348057* | | | | 348791* | 340441* | | | | |
| CD35 (CR1) | E11 | Hu | | | | | | 555452 | | 559872 | | | | | | 559872 | | | | | | | | | | |
| CD36 | CB38 (NL07) | Hu | | | | | | 555454 | | 555455 | | | | | | 555455 | | | | | | | | | | |
| CD37 | M-B371 | Hu | | | | | | 555457 | | | | | | | | | | | | | | | | | | |
| CD38 | HB7 | Hu | 646851* | | | | | 340927* | | 342371* 347687* | | | | | | 335790* | 342371* 347687* | | | | | | | | 335790* | |
| | HIT2 | Hu | | | | | | 560982 555459 | | 560981 555460 | | 555461 | | 561106 551400 | 560677 | 560981 555460 | | 555461 | 560677 | 560980 555462 | | 560676 | | | | |
| CD39 (ENTPD1, NTPDase) | TU66 | Hu | | | | | | | | 555464 | | | | | | 555464 | | | | | | | | | | |
| CD40 | 5C3 | Hu | | | | | | 555588 | | 560963 555589 | | 555590 | | | 561215 BD | 560963 555589 | | 555590 | 561215 BD | | | 561208 BD | | 561211 BD | | |
| CD41a | HIP8 | Hu | | | | | | 555466 | | 560979 555647 | | 559768 | | | 340931* | 560979 555647 | | 559768 | | 559777 | | | | | | |
| CD41b | HIP2 | Hu | | | | | | 555469 | | | | | | | | | | | | | | | | | | |
| CD42a | ALMA.16 | Hu | | | | | | 558818 | | 558819 | | | | | | 558819 | | | | | | | | | | |
| | Beb1 | Hu | | | | | | 348083* | | | | | | 340537* | | | | | | | | | | | | |
| CD42b | HIP1 | Hu | | | | | | 555472 | | 555473 | | 551141 | | | | 555473 | | 551141 | | | | | | | | |
| CD43 (Leukosialin) | 1G10 | Hu | | | | | | 560978 555475 | | 560199 | | | | | | 560199 | | | | | | | | | | |
| CD44 (Pgp-1, H-CAM, Ly24) | 515 | Hu | | | | | | | | 550989 | | | | | | 550989 | | | | | | | | | | |
| | G44-26 | Hu | | | | | | 560977 555478 | | 555479 | | | | | 560531 | 560533 | 555479 | | | | 560533 | 560890 559942 | | | 560532 | 555477 |
| | L178 | Hu | | | | | | 347943* | | | | | | | | | | | | | | | | | | |



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| | | | 1 | | 2 | | 1 | | 2 | 3 | 4 | | | 5 | 1 | 2 | 3 | 4 | 1 | | 2 | 3 | | | | | | | |
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| | | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | | | |
| CD45 (Leucocyte Common Antigen) | 2D1 | Hu | 642275* | | | 339192* | | 347463* | | | | | | | 347464* | 340953* | | | | | | | 348795* | 557833 | 560274 | 560178 | 641399* | | |
| | HI30 | Hu | 560368 | 560367 | | | 560779 | 560976 | 555482 | 560975 | 555483 | | 560974 | 555484 | | 560915 | 560975 | 555483 | 560974 | 560915 | 560973 | 555485 | | 560566 | | | 555481 | | |
| CD45R/B220 | RA3-6B2 | Hu† | | | 558108 | | | 553087 | 557669 | 553089 | 551489 | 553091 | 553093 | 552771 | 552772 | 553089 | 553090 | 551489 | 553091 | 552772 | | 557683 | 557957 | 552094 | | 553085 | 553086 | | |
| CD45RA | HI100 | Hu | 560363 | 560362 | | | | 555488 | | 555489 | | 555490 | | | 560675 | 555489 | | 555490 | 560675 | | | | 560673 | | 560674 | BD | 555487 | | |
| | L48 | Hu | | | | | | 347723* | | | | | | | 337167* | | | | | 337167* | | | | | | | | | |
| CD45RB | MT4 | Hu | | | | | | | | 555904 | | | | | | 555904 | | | | | | | | | | | | | |
| CD45RO | UCHL1 | Hu | | | | | | 555492 | | 347967* | 555493 | | 555494 | | 560607 | 337168* | 347967* | 555493 | | 555494 | 337168* | | | 560899 | 559865 | 340438* | 561136 | 561137 | BD |
| | | | | | | | | | | | | | | | 560608 | BD | | | 560608 | BD | | | | | | | | | |
| CD46 (MCP) | E4.3 | Hu | | | | | | 555949 | | | | | | | | | | | | | | | | | | | | | |
| CD47 (IAP) | B6H12 | Hu | | | | | | 556045 | | 556046 | | | | | | 556046 | | | | | | | | | | | | | |
| CD48 (BCM1) | TÜ145 | Hu | | | | | | 555759 | | 552855 | | | | | | 552855 | | | | | | | | | | | | | |
| CD49a (Integrin α ₁ chain) | SR84 | Hu | | | | | | | | 559596 | | | | | | 559596 | | | | | | | | | | | | | |
| CD49b (Integrin α ₂ chain) | 12F1 | Hu | | | | | | | | 555669 | | | | | | 555669 | | | | | | | | | | | | | |
| | AK-7 | Hu | | | | | | 555498 | | | | | | | | | | | | | | | | | | | | | |
| CD49c (Integrin α ₃ chain) | C3 II.1 | Hu | | | | | | | | 556025 | | | | | | 556025 | | | | | | | | | | | | | |
| CD49d (Integrin α ₄ chain) | 9F10 | Hu† | | | | | | 560840 | | 560972 | | 559880 | | | | 560972 | | 559880 | | 559881 | | | | | | | | | |
| | L25 | Hu | | | | | | | | 340296* | | | | | | 340296* | | | | | | | | | | | | | |
| CD49e (Integrin α ₅ chain) | IIA1 | Hu† | | | | | | | | 555617 | | | | | | 555617 | | | | | | | | | | | | 555616 | |
| CD49f (Integrin α ₆ chain) | GoH3 | Hu† | | | | | | 555735 | | 555736 | | 551129 | | | | 555736 | | 551129 | | | | | | | | | | | |
| CD50 (ICAM-3) | TÜ41 | Hu | | | | | | 555958 | | | | | | | | | | | | | | | | | | | | | |
| CD51/61 | 23C6 | Hu† | | | | | | 555505 | | 550037 | | | | | | 550037 | | | | | | | | | | | | | |
| CD53 | HI29 | Hu | | | | | | | | 555508 | | | | | | 555508 | | | | | | | | | | | | | |



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| CD54 (ICAM-1) | HA58 | Hu | | | | | | | 560971 555511 | | 555512 | | | | | 560971 555511 | | 555512 | | 559771 | | | | | 559817 | |
| | LB-2 | Hu | | | | | | | 347977* | | | | | | | 347977* | | | | | | | | | | |
| CD55 (DAF) | IA10 | Hu | | | | | 555693 | | 341030* 555694 | | 555695 | | | | | 341030* 555694 | | 555695 | | 555696 | | | | | 555692 | |
| CD56 (N-CAM) | B159 | Hu | 560361 560360 | | | | | 557699 | 555516 | | 555517 | | | 560842 | 560916 557747 | 555516 | | 555517 | 560916 557747 | 555518 | 557711 | 557919 | | | | 555515 |
| | MY31 | Hu | | | | | | | 347747* | | | | | | | 347747* | | | | | | | | | | |
| | NCAM16.2 | Hu | | | | | 340410* | | 340363* | | | | | | 335791* | 340363* | | | | 335791* | 341025* | | | | | |
| CD57 | HNK-1 | Hu | | | | | 347393* | | | | | | | | | | | | | | | | | | | 347391* |
| | NK-1 | Hu | | | | | 555619 | | 560844 | | | | | | | 560844 | | | | | 560845 | | | | | |
| CD58 (LFA-3) | 1C3 | Hu† | | | | | 555920 | | 555921 | | 551399 | | | | | 555921 | | 551399 | | | | | | | | |
| | L306.4 | Hu | | | | | | | 340295* | | | | | | | 340295* | | | | | | | | | | |
| CD59 | p282 (H19) | Hu | | | | | 560954 555763 | | 560953 555764 | | | | | | | 560953 555764 | | | | | | | | | | 555762 |
| CD61 (Integrin β ₃ chain) | VI-PL2 | Hu† | | | | | 555753 | | 555754 | | | | | | | 555754 | | | | | | | | | | |
| | RUU-PL7F12 | Hu | | | | | 348093* | | | | | | 340506* | | | | | | | | | | | | | |
| CD62E (E-selectin) | 68-5H11 | Hu | | | | | | | 551145 | | 550040 | | | | | 551145 | | 550040 | | 551144 | | | | | | 555649 |
| CD62L (L-selectin) | SK11 | Hu | | | | | 347443* | | 341012* | | | | | | | 341012* | | | | | | | | | | |
| | Dreg 56 | Hu | 560441 560440 | | | | 555543 | | 555544 | | 555545 | | | | | 555544 | | 555545 | | 559772 | | | | | | |
| CD62P (P-selectin) | AC1.2 | Hu† | | | | | | | 348107* | | | | | | | 348107* | | | | | | | | | | |
| | AK-4 | Hu | | | | | 555523 | | 555524 | | 551142 | | | | | 555524 | | 551142 | | 550888 | | | | | | |
| CD63 | H5C6 | Hu† | | | | | 557288 | | 556020 | | | | | | | 556020 | | | | | | | | | | |
| CD64 | 10.1 | Hu | 561202 | | | | 560970 555527 | | 558592 644385* | | | | | 561194 | 561191 BD | 558592 644385* | | | 561191 BD | 561189 | | 561188 BD | | 561190 BD | | 555526 |
| CD66 (CEA,carcinoembryonic antigen) | B1.1/CD66 | Hu | | | | | 551479 | | 551480 | | | | | | | 551480 | | | | | | | | | | |
| CD66b | G10F5 | Hu | | | | | 555724 | | | | | | | | | | | | | | | | | | | |



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| CD66c (CEA, carcinoembryonic antigen) | B6.2/CD66c | Hu | | | | | 551775 | | 551478 | | | | | | | 551478 | | | | | | | | | |
| CD68 | Y1/82A | Hu | | | | | | | 556078 | | | | | | | 556078 | | | | | | | | | |
| CD69 (Very Early Activation Antigen) | FN50 | Hu† | 560740 | | | | 560969 555530 | | 560968 555531 | | | 555532 | | | 557745 | 560968 555531 | | 555532 | 557745 | 560967 555533 | | 560739 | 560912 557756 | | |
| | L78 | Hu | | | | | 347823* | | 341652* | | | 340548* | | 335792* | 341652* | | | 335792* | 340560* | | | | | | |
| CD70 | Ki-24 | Hu | | | | | 555834 | | 555835 | | | | | | | 555835 | | | | | | | | | |
| CD71 (Transferrin Receptor) | L01.1 | Hu | | | | | 347513* | | | | | | | | | | | | | 341028* | | | | | |
| | M-A712 | Hu | | | | | 555536 | | 555537 | | 551143 | | | | | 555537 | | 551143 | | 551374 | | | | | 555535 |
| CD72 | J4-117 | Hu | | | | | 555918 | | | | | | | | | | | | | | | | | | |
| CD73 (Ecto-5'-nucleotidase) | AD2 | Hu | | | | | | | 561014 550257 | | | | | | | 561014 550257 | | | | 560847 | | | | | |
| CD74 | M-B741 | Hu | | | | | 555540 | | | | | | | | | | | | | | | | | | 555539 |
| CD75 | LN1 | Hu | | | | | 555654 | | | | | | | | | | | | | | | | | | |
| CD77 | 5B5 | Hu | | | | | 551353 | | | | | | | | | | | | | | | | | | |
| CD79a (Igα, mb-1) | HM47 | Hu† | | | | | | | 340579* 555935 | | | | 341643* | | 340579* 555935 | | | | | 340587* 551134 | | | | | |
| CD79b (Igβ) | CB3-1 | Hu | | | | | | | 555679 | | 551063 | | | | 555679 | | 551063 | | | 550955 | | | | | |
| | SN8 | Hu | | | | | 335798* | | 335799* 557931 | | | | | | 335799* 557931 | | | | | 335800* | | | | | |
| CD80 (B7-1) | BB1 | Hu | | | | | 555683 | | | | | | | | | | | | | | | | | | 555682 |
| | L307.4 | Hu | 560444 560442 | | | | 560926 557226 | | 560925 557227 | | 559370 | | | 561135 | 560925 557227 | | 559370 | 561135 | | | | | 561133 BD | 561134 BD | |
| CD81 (TAPA-1) | JS-81 | Hu | | | | | 551108 | | 555676 | | | | | | 555676 | | | | | 551112 | | | | | |
| CD83 | HB15e | Hu† | | | | | 560929 556910 | | 550634 556855 | | 551058 | | | 561132 BD | 550634 556855 | | 551058 | 561132 BD | | 551073 | | | | | |
| CD85j | GHI/75 | Hu | | | | | 555942 | | 551053 | | 551054 | | | | 551053 | | 551054 | | | | | | | | |
| CD86 (B70/B7-2) | IT2.2 | Hu | | | | | | | 555665 | | 555666 | | | | 555665 | | 555666 | | | | | | | | 555664 |
| | 2331 (FUN-1) | Hu† | 560359 560357 | | | | 560958 555657 | | 560957 555658 | | 555659 | | 561129 | 561128 BD | 560957 555658 | | 555659 | 561128 BD | | 555660 | | 561124 BD | | | 555656 |



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| CD87 | VIM5 | Hu | | | | | | | 555768 | | | | | | 555768 | | | | | | | | | | | | | | | | | | | | | | |
| CD88 (C5a Receptor) | C85-4124 | Hu | | | | | | | 552993 | | | | | | 552993 | | | | | | | | | | | | | | | | | | | | | | |
| | D53-1473 | Hu | | | | | | | 550494 | | | | | | 550494 | | | | | | | | | | | | | | | | | | | | | | |
| CD89 | A59 | Hu | | | | | | | 555686 | | | | | | 555686 | | | | | | | | | | | | | | | | | | | | | | |
| CD90 (Thy-1) | 5E10 | Hu† | | | | | 555595 | | 555596 | | 555597 | | | | 555596 | | 555597 | | | | | | | | | | 559869 | | | | | | | | | 555594 | |
| CD91 | A2MR-a2 | Hu | | | | | 550496 | | 550497 | | | | | | 550497 | | | | | | | | | | | | | | | | | | | | | | |
| CDw93 (C1qRp) | R139 | Hu | | | | | 551531 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD94 | HP-3D9 | Hu | | | | | 555888 | | 555889 | | | | | | 555889 | | | | | | | | | | | | 559876 | | | | | | | | | | |
| CD95 (Fas/APO-1) | DX2 | Hu† | | | | | 340479* | | 340480* | | 559773 | | | | 340480* | | 559773 | | | | | | | | | | 340481* | | | | | | | | | | 555672 |
| | | | | | | | 555673 | | 555674 | | | | | | 555674 | | | | | | | | | | | | 558814 | | | | | | | | | | |
| CD97 | VIM3b | Hu | | | | | 555773 | | 555774 | | | | | | 555774 | | | | | | | | | | | | | | | | | | | | | | |
| CD98 | UM7F8 | Hu | | | | | 556076 | | 556077 | | | | | | 556077 | | | | | | | | | | | | | | | | | | | | | | |
| CD99 | TÜ12 | Hu | | | | | 555688 | | 555689 | | | | | | 555689 | | | | | | | | | | | | | | | | | | | | | | |
| CD102 (ICAM-2) | CBR-1C2/2.1 | Hu | | | | | | | 558080 | | | | | | 558080 | | | | | | | | | | | | | | | | | | | | | | |
| CD103 | Ber-ACT8 | Hu | | | | | 340945* | | 340998* | | | | | | 340998* | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 550259 | | 550260 | | | | | | 550260 | | | | | | | | | | | | | | | | | | | | | | |
| CD104 (Integrin β ₄ chain) | 439-9B | Hu | | | | | | | 555720 | | | | | | 555720 | | | | | | | | | | | | | | | | | | | | | | |
| CD105 | 266 | Hu | | | | | | | 560839 | | | | | | 560839 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD106 (VCAM-1) | 51-10C9 | Hu | | | | | 551146 | | 555647 | | 551148 | | | | 555647 | | 551148 | | | | | | | | | | 551147 | | | | | | | | | | |
| CD107a (LAMP-1) | H4A3 | Hu | | | | | 560949 | | 560948 | | 560947 | | | | 560948 | | 560947 | | | | | | | | | | 641581* | | | | | | | | | | 555799 |
| | | | | | | | 555800 | | 555801 | | 555802 | | | | 555801 | | 555802 | | | | | | | | | | 560664 | | | | | | | | | | |
| CD107b (LAMP-2) | H4B4 | Hu | | | | | 560946 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 555804 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD108 | KS-2 | Hu | | | | | | | 552830 | | | | | | 552830 | | | | | | | | | | | | | | | | | | | | | | |
| CD109 | TEA 2/16 | Hu | | | | | | | 556040 | | | | | | 556040 | | | | | | | | | | | | | | | | | | | | | | |
| CD112 (PRR2) | R2.525 | Hu | | | | | | | 551057 | | | | | | 551057 | | | | | | | | | | | | | | | | | | | | | | |
| CD114 (G-CSF Receptor) | LMM741 | Hu | | | | | | | 554538 | | | | | | 554538 | | | | | | | | | | | | | | | | | | | | | | |



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|---------------------------------|------------|------------|-----------------------|------------------|---------------|--------|---------------------|---------------|------------------|---------------|---------------|---------------|--------|---------------|--|---------------|---------------|---------------|--------------------|---------------|------------------|------------------|---------|---------------|--------|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | 5 | | 1 | 2 | 3 | 4 | 1 | 2 | | | 3 |
| Product Name | Clone | Reactivity | Emission Max | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | 785 nm | 785 nm | |
| | | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | |
| CD116 (GM-CSF Receptor α chain) | hGMCSFR-M1 | Hu | | | | | | | | 551373 | | | | | | 551373 | | | | | | | | | |
| | M5D12 | Hu | | | | | | 554532 | | | | | | | | | | | | | | | | | |
| CD117 (c-kit) | 104D2 | Hu | | | | | | | | 340529* | | | | | 333944* | 339195* | 340529* | | | 339195* | 341096* | | | | |
| | YB5.B8 | Hu | | | | | | | | 555714 | | 559879 | | | | 555714 | | 559879 | | 561118 | | | | 550412 | |
| CD119 (IFN-γ Receptor α chain) | GIR-208 | Hu | | | | | | | | 558934 | | | | | | 558934 | | | | | | | | | |
| | GIR-94 | Hu | | | | | | | | 558937 | | | | | | 558937 | | | | | | | | | |
| CD120b (TNF Receptor Type II) | hTNFR-M1 | Hu | | | | | | | | 552418 | | | | | | 552418 | | | | | | | | 552477 | |
| CD122 (IL-2 Receptor β chain) | Mikβ2 | Hu | | | | | | | | 554522 | | | | | | 554522 | | | | | | | | | |
| | Mik-β3 | Hu | | | | | | | | 554525 | | | | | | 554525 | | | | | | | | 554524 | |
| | TU27 | Hu | | | | | | | | 340254* | | | | | | 340254* | | | | | | | | | |
| CD123 (IL-3 Receptor α chain) | 7G3 | Hu | | | | | 558663 | | | 561058 | | | | 558714 | 561058 | | | | | 560087 | | | | 554528 | |
| | 9F5 | Hu | | | | | | | | 561050 | | 561009 | | | 561050 | | | 561009 | | | | | | 555643 | |
| CD124 (IL-4 Receptor α chain) | hIL4R-M57 | Hu | | | | | | | | 552178 | | | | | | 552178 | | | | | | | | 552120 | |
| CDw125 (IL-5 Receptor α) | A14 | Hu | | | | | | | | 555902 | | | | | | 555902 | | | | | | | | | |
| CD126 (IL-6 Receptor α chain) | M5 | Hu | | | | | | | | 551850 | | | | | | 551850 | | | | | | | | | |
| CD127 (IL-7 Receptor α subunit) | hIL-7R-M21 | Hu | 560823 | | | | | 560549 | | 561028 | | | | 560551 | 560822 | 561028 | | | 560822 | | | | | 560905 | 558633 |
| CD130 (gp130) | AM64 | Hu | | | | | | | | 555757 | | | | | | 555757 | | | | | | | | | |
| CD132 (common γ chain) | TUGh4 | Hu† | | | | | | | | 555898 | | | | | | 555898 | | | | | | | | 555897 | |
| | AG184 | Hu | | | | | | | | 555900 | | | | | | 555900 | | | | | | | | | |
| CD134 (OX40) | ACT35 | Hu | | | | | | 555837 | | 555838 | | 551500 | | | | 555838 | | 551500 | | | | | | | |
| | L106 | Hu | | | | | | | | 340420* | | | | | | 340420* | | | | | | | | | |



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| CD135 | 4G8 | Hu | | | | | | | 558996 | | | | | | 558996 | | | | | | | | | |
| CD137 (4-1BB) | 4B4-1 | Hu | | | | | | | 555956 | | 551137 | | | | 555956 | | 551137 | | 550890 | | | | | 552533 |
| CD137 Ligand (4-1BB Ligand) | C65-485 | Hu | | | | | | | 559446 | | | | | | 559446 | | | | | | | | | |
| CD138 (Syndecan-1) | DL-101 | Hu | | | | | | | 550805 | | | | | | 550805 | | | | | | | | | |
| | MI15 | Hu | | | | | 347191* 552723 | | 347192* 552026 | | | | 341087* | | 347192* 552026 | | | | 347193* | | | | | |
| CD140a (PDGF receptor α chain) | αR1 | Hu | | | | | | | 556002 | | | | | | 556002 | | | | | | | | | |
| CD140b (PDGFRβ) | 28D4 | Hu | | | | | | | 558821 | | | | | | 558821 | | | | | | | | | |
| CD140b (pY1009) (PDGFRβ) | J25-650 | Hu† | | | | | | | 558322 | | | | | | 558322 | | | | | 558323 | | | | |
| CD140b (pY1021) (PDGFRβ) | J105-412 | Hu† | | | | | | 558419 | 558417 | | | | | | 558417 | | | | | 558418 | | | | |
| CD140b (pY857) (PDGFRβ) | J24-618 | Hu† | | | | | | 558427 | 558429 | | | | | | 558429 | | | | | 558428 | | | | |
| CD141 (Thrombomodulin) | 1A4 | Hu | | | | | | | 559781 | | | | | | 559781 | | | | | | | | | |
| CD142 | HTF-1 | Hu | | | | | | | 550312 | | | | | | 550312 | | | | | | | | | |
| CD144 | 55-7H1 | Hu | | | | | | 560874 560411 | 560410 | | | | | | 560410 | | | | | | | | | |
| CD146 | P1H12 | Hu | | | | | | 560846 | 561013 550315 | | | | | | 561013 550315 | | | | | | | | | |
| CD147 (Neurothelin) | HIM6 | Hu | | | | | | 555962 | | | | | | | | | | | | | | | | |
| CD150 | A12 | Hu | | | | | | | 559592 | | | | | | 559592 | | | | | | | | | |
| CD151 (PETA-3) | 14A2.H1 | Hu | | | | | | | 556057 | | | | | | 556057 | | | | | | | | | |
| CD152 (CTLA-4) | BN13 | Hu | | | | | | | 560939 555853 | | 555854 | | | 560939 555853 | | 555854 | | 560938 555855 | | | | | | 555852 |
| CD154 (CD40L) | 89-76 | Hu | | | | | | | 340477* | | | | | | 340477* | | | | | | | | | |
| | TRAP1 | Hu | | | | | | 555699 | 555700 | | 555701 | | | | 555700 | | 555701 | | 560955 555702 | | | | | |
| CD158a | HP-3E4 | Hu | | | | | | 340531* 556062 | 556063 | | | | | | 556063 | | | | | | | | | |



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










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|-------------------------------|-----------|------------|---|---------------|--------|------------------|---------------------|------------------|-------------------------|---------------|-------------------------|--------|---|---|---|-------------------------|-------------------------|---|---|---|------------------|---------|-----------|-------------------------|
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| CD158b | CH-L | Hu | | | | | 559784 | | 559785 | | | | | | 559785 | | | | | | | | | |
| CD161 | DX12 | Hu | | | | | 340536* 556080 | | 340530* 556081 | | 551138 | | | | 340530* 556081 | | 551138 | | 550968 | | | | | |
| CD162 (PSGL-1) | KPL-1 | Hu | | | | | | | 556055 | | | | | | 556055 | | | | | | | | | |
| CD163 | GHI/61 | Hu | | | | | | | 560933 556018 | | | | | | 560933 556018 | | | | | | | | | |
| CD164 | N6B6 | Hu | | | | | 551297 | | 551298 | | | | |  | 551298 | | | | |  | | | | |
| CD166 | 3A6 | Hu | | | | | | | 560903 559263 | | | | | | 560903 559263 | | | | | | | | | |
| CD172b (SIRPβ) | B4B6 | Hu | | | | | | | 552602 | | | | | | 552602 | | | | | | | | | |
| CD180 (RP105) | G28-8 | Hu | | | | | | | 551953 | | | | | | 551953 | | | | | | | | | |
| CD181 (CXCR1, IL-8RA, CD128a) | 5A12 | Hu | | | | | 555939 | | 555940 | | 551081 | | | | 555940 | | 551081 | | 551080 | | | | | |
| CD182 (CXCR2, IL-8RB, CD128b) | 6C6 | Hu | | | | | 551126 | | 555933 | | 551125 | | | | 555933 | | 551125 | | 551127 | | | | | |
| CD183 (CXCR3) | 1C6/CXCR3 | Hu | | | | | | 558047 | 560928 557185 | | 551128 | |  |  | 560928 557185 | | 551128 |  | 550967 | | | | | |
| CD184 (CXCR4, Fusin) | 12G5 | Hu | | | | | | | 555974 | | 560937 555975 | | |  | 555974 | | 560937 555975 |  | 560936 555976 | | | | | 555973 |
| | 1D9 | Hu | | | | | | | 551510 | | | | | | 551510 | | | | | | | | | |
| CD185 | RF8B2 | Hu | | | | | | 558112 | | | | | | | | | | | | | | | | 552118 |
| CD191 (CCR1) | 53504 | Hu | | | | | | | | | | | | | | | | | | | | | | 557914 |
| CD192 (CCR2) | 48607 | Hu | | | | | | | | | | | | | | | | | | | | | | 558406 |
| CD193 (CCR3) | 5E8 | Hu | | | | | | | 558165 | | | | | | 558165 | | | | | | | | | 558208 |
| CD194 (CCR4) | 1G1 | Hu |  | | | | | | 561110 551120 | | | | |  |  | 561110 551120 | | |  |  | | | | 557863 |
| CD195 (CCR5) | 2D7/CCR5 | Hu | | | | | 555992 | | 560935 555993 | | 556889 | | | 557752 | 560935 555993 | | 556889 | 557752 | 556903 | | | | | 560913 557755 |
| | 3A9 | Hu | | | | | | | 560935 556042 | | | |  | | 560932 556042 | | | | 550856 | | | | | |



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| CD196 (CCR6) | 11A9 | Hu† | | | | | | | | 561019 559562 | | | | 560467 | 560620 | 561019 559562 | | | 560620 | 560619 | 560466 | | | | 559561 |
| CD197 | 150503 | Hu | | 560864 560863 | | | | | | 560765 | | | | 561144 | | 560765 | | | | | 560816 | 561143 | | | |
| CD197 (CCR7) | 3D12 | Hu | | | | | | 560548 | | 561008 552176 | | | | | 560922 557648 | 561008 552176 | | | 560922 557648 | | | | | | 552174 |
| CDw199 | 112509 | Hu | | | | | | | | | | | | | | | | | | | | | | | 557975 |
| CD200 (OX2) | MRC OX-104 | Hu | | | | | | | | 552475 | | | | | | 552475 | | | | | | | | | |
| CD201 (EPCR) | RCR-252 | Hu | | | | | | | | 557950 | | | | | | 557950 | | | | | | | | | |
| CD205 (DEC-205) | MG38 | Hu | | | | | | | | 558069 | | | | | | 558069 | | | | | | | | | |
| | MMRI-7 | Hu | | | | | | | | | | | | | | | | | | | | | | | 558156 |
| CD206 (Macrophage mannose receptor) | 19.2 | Hu | | | | | 551135 | | | 555954 | | | 551136 | | | 555954 | | 551136 | | 550889 | | | | | |
| CD208 (DC-LAMP) | I10-1112 | Hu | | | | | | | | 558126 | | | | | | 558126 | | | | 558168 | | | | | |
| CD209 (DC-SIGN) | DCN46 | Hu | | | | | 551264 | | | 551265 | | | | 558263 | | 551265 | | | | 551545 | | | | | |
| CD210 (IL-10 receptor) | 3F9 | Hu | | | | | | | | 556013 | | | | | | 556013 | | | | | | | | | |
| CD212 (IL-12 receptor β ₁ subunit) | 2.4E6 | Hu | | | | | | | | 556065 | | | | | | 556065 | | | | 558708 | | | | | |
| CD212 (IL-12 receptor β ₂ subunit) | 2B6/12β2 | Hu | | | | | | | | 550723 | | | | | | 550723 | | | | | | | | | |
| CD220 (Insulin Receptor) | 3B6/IR | Hu | | | | | | | | 559955 | | | | | | 559955 | | | | | | | | | |
| CD221 (IGF-I receptor α subunit) | 1H7 | Hu | | | | | | | | 560934 555999 | | | | | | 560934 555999 | | | | | | | | | |
| CD221 (pY1131) (IGF-1 Receptor) | K74-218 | Hu | | | | | | | | | | | | | | | | | | | | | | | 558588 |
| CD226 (DNAM-1) | DX11 | Hu | | | | | | 559788 | | 559789 | | | | | | 559789 | | | | | | | | | |
| CD227 (MUC1) | HMPV | Hu | | | | | | 559774 | | | | | | | | | | | | | | | | | |
| CD235a (Glycophorin A) | GA-R2 (HIR2) | Hu | | | | | | 561017 559943 | | 561051 555570 340947* | | | 559944 | | | 561051 555570 340947* | | 559944 | | 551336 | | | | | |



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| | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | |
| CD243 (P-glycoprotein) | 15D3 | Hu | | | | | | | 340555* | | | | | | 340555* | | | | | | | | | | |
| | 17F9 | Hu | | | | | 557002 | | 557003 | | | | | | 557003 | | | | | | | | | | |
| CD244 (2B4) | 2-69 | Hu | | | | | 550815 | | 550816 | | | | | | 550816 | | | | | | | | | | |
| CD247 (pY142) (CD3ζ) | K25-407.69 | Hu | | | | | | 558486 | 558448 | | | | | | 558448 | | | | | | 558489 | | | | |
| CD252 (OX40 Ligand) | Ik-1 | Hu | | | | | | | 558164 | | | | | | 558164 | | | | | | | | | | |
| CD253 (TRAIL) | RIK-2 | Hu | | | | | | | 550516 | | | | | | 550516 | | | | | | | | | | 550431 |
| CD267 (TACI) | 1A1-K21-M22 | Hu | | | | | | | 558414 | | | | | | 558414 | | | | | | | | | | |
| CD268 (BAFF Receptor) | 11C1 | Hu | | | | | 558081 | | 558097 | | | | | | 558097 | | | | | | | | | | |
| CD271 (NGF Receptor) | C40-1457 | Hu | | | | | | | 560927 557196 | | | | | 560834 BD | 560927 557196 | | | | | | 560877 560326 | | | | 557195 |
| CD272 (BTLA) | J168-540 .90.22 | Hu | | | | | | | 558485 | | | | | | 558485 | | | | | | | | | | |
| CD273 (B7-DC, PD-L2) | MIH18 | Hu | | | | | | | 558066 | | | | | | 558066 | | | | | | 557926 | | | | |
| CD274 (B7-H1, PD-L1) | MIH1 | Hu | | | | | 558065 | | 557924 | | | | | 558017 | 557924 | | | | 558017 | | | | | | |
| CD275 (B7-H2, ICOSL) | 2D3/B7-H2 | Hu | | | | | | | 552502 | | | | | | 552502 | | | | | | | | | | |
| CD278 (ICOS) | DX29 | Hu | | | | | | | 557802 | | | | | | 557802 | | | | | | | | | | |
| CD279 | EH12.1 | Hu | | | | | | | 560795 | | | | | 561272 | 560795 | | | | 561272 | | 560838 | | | | |
| CD279 (PD-1) | MIH4 | Hu | | | | | 561035 557860 | | 560908 557946 | | | | | | 560908 557946 | | | | | 558694 | | | | | |
| CD282 (TLR2) | 11G7 | Hu | | | | | | 558318 | | | | | | | | | | | | | 558319 | | | | |
| CD294 (CRTH2) | BM16 | Hu | | | | | | | | | | | | | | | | | | | 558042 | | | | |
| CD305 (LAIR-1) | DX26 | Hu | | | | | | | 550811 | | | | | | 550811 | | | | | | | | | | |
| CD309 (VEGFR-2/KDR) | 89106 | Hu | | | | | | | 560872 560494 | | | | | | 560872 560494 | | | | | | 560871 560495 | | | | |
| CD314 (NKG2D) | 1D11 | Hu | | | | | | | 557940 | | | | | | 557940 | | | | | | | | | | |
| CD321 (F11 Receptor) | M.AB.F11 | Hu | | | | | | | 552556 | | | | | | 552556 | | | | | | | | | | |
| CD326 (EpCAM) | EBA-1 | Hu | | | | | 347197* | | 347198* | | | | | 347199* | 347198* | | | | | | 347200* | | | | |
| CD328 (Siglec-7) | F023-420 | Hu | | | | | | | 558372 | | | | | | 558372 | | | | | | | | | | |
| CDw329 (Siglec-9) | E10-286 | Hu | | | | | 550906 | | | | | | | | | | | | | | | | | | |



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| CD335 (NKp46) | 9E2/NKp46 | Hu | | | | | | | 557991 | | | | | | | 557991 | | | | | | | | | |
| CD336 (NKp44) | P44-8.1 | Hu | | | | | | | 558563 | | | | | | | 558563 | | | | | 558564 | | | | |
| CD337 (NKp30) | P30-15 | Hu | | | | | | | 558407 | | | | | | | 558407 | | | | | 558408 | | | | |
| CD340 (HER-2/neu) | Neu 24.7 | Hu | | | | | 340553* | | 340552* | | | | | | | 340552* | | | | 340554* | | | | | |
| Blood Group A | NaM87-1F6 | Hu | | | | | 550807 | | | | | | | | | | | | | | | | | | |
| CLIP | CerCLIP | Hu | | | | | 555981 | | | | | | | | | | | | | | | | | | |
| Cutaneous Lymphocyte Antigen (CLA) | HECA-452 | Hu† | | | | | 555947 | | | | | | | | | | | | | | | | | | 559950 |
| FMC7 | FMC7 | Hu | 644493* | | | | 340919* | | | | | | | | | | | | | | | | | | |
| fMLP receptor | 5F1 | Hu | | | | | | | 556016 | | | | | | | 556016 | | | | | | | | | |
| Hematopoietic progenitor cell (HPC) | BB9 | Hu | | | | | | | 557928 | | | | | | | 557928 | | | | 557929 | | | | | |
| HLA-A,B,C | G46-2.6 | Hu | | | | | 560965 555552 | | 560964 555553 | | | 560966 555554 | | | | 560964 555553 | | 560966 555554 | | 555555 | | | | | |
| | DX17 | Hu | | | | | | 560169 | 560168 | | | | | | | 560168 | | | | | | | | | |
| HLA-A2 | BB7.2 | Hu | | | | | 561107 551285 | | 558570 | | | | | | | 558570 | | | | | | | | | |
| HLA-DM | MaP.DM1 | Hu | | | | | | | 555983 | | | | | | | 555983 | | | | | | | | | |
| HLA-DQ | SK10 | Hu | | | | | 347453* | | | | | | | | | | | | | | | | | | |
| | TÜ169 | Hu | | | | | 555563 | | | | | | | | | | | | | | | | | | |
| HLA-DR | TU36 | Hu† | | | | | 555560 | | 555561 | | | 551375 | | | | 555561 | | 551375 | | 559868 | | | | | |
| | L243 (G46-6) | Hu | 642276* | | | 561225 561224 | 560944 347363* 555811 | | 560943 347367* 555812 | | | 555813 | 347364* | 339194* 560652 | 335795* 560651 | 560943 347367* 555812 | | 555813 | 335795* 560651 | 560896 340549* 559866 | | 560743 | 335796* | 641393* | 347361* |
| HLA-DR, DP, DQ | TÜ39 | Hu | | | | | 555558 | | | | | | | | | | | | | | | | | | |
| Ig, κ Light Chain | TB28-2 | Hu | | | | | 643773* | | 346601* | | | | | | | 346601* | | | | 341088* | | | | | |
| | G20-193 | Hu | | | | | 560950 555791 | | 555792 | | | | | | | 555792 | | | | | | | | | 555790 |
| | Polyclonal | Hu | | | | | 348063* | | | | | | | | | | | | | | | | | | |



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| Ig, λ light chain | 1-155-2 | Hu | | | | | 346600* | | 642919* | | | | | | 642919* | | | | | | | | | | |
| | JDC-12 | Hu | | | | | 555796 | | 555797 | | | | | | 555797 | | | | | | | | | | 555794 |
| | Polyclonal | Hu | | | | | 348073* | | | | | | | | | | | | | | | | | | |
| IgD | IA6-2 | Hu | | | | | 555778 | | 555779 | | | | | | 555779 | | | | | | | | | | 555777 |
| IgG | G18-145 | Hu | | | | | 560952 555786 | | 560951 555787 | | 551497 | | | | 560951 555787 | | 551497 | | 550931 | | | | | | 555785 |
| IgM | G20-127 | Hu | | | | | 555782 | | 555783 | | 551079 | | | | 555783 | | 551079 | | 561010 551062 | | | | | | 555781 |
| IL-21 Receptor | 17A12 | Hu | | | | | | | 560264 | | | | | | 560264 | | | | 560331 | | | | | | |
| Integrin β ₇ | FIB504 | Hu | | | | | | | 555945 | | 551059 | | | | 555945 | | 551059 | | 551082 | | | | | | |
| Invariant NK T | 6B11 | Hu | | | | | 558371 | | 552825 | | | | | | 552825 | | | | | | | | | | |
| KIR-NKAT2 | DX27 | Hu | | | | | 556070 | | 556071 | | | | | | 556071 | | | | | | | | | | |
| Lineage Cocktail 1 | – | Hu | | | | | 340546 | | | | | | | | | | | | | | | | | | |
| Lineage Cocktail 2 | – | Hu | | | | | 643397 | | | | | | | | | | | | | | | | | | |
| Lineage Cocktail 3 | – | Hu | | | | | 643510 | | | | | | | | | | | | | | | | | | |
| Leukotriene B4 Receptor (hBLTR-1) | 203/14F11 | Hu | | | | | | | 552836 | | | | | | 552836 | | | | | | | | | | 552835 |
| MIC A/B | 6D4 | Hu | | | | | | | 558352 | | | | | | 558352 | | | | | | | | | | |
| β ₂ -microglobulin | TÜ99 | Hu | | | | | 551338 | | 551337 | | | | | | 551337 | | | | | | | | | | |
| NKB1 (KIR) | DX9 | Hu | | | | | 340483* 555966 | | 340484* 555967 | | | | | | 340484* 555967 | | | | | | | | | | |
| PAC-1 | PAC-1 | Hu | | | | | 340507* | | | | | | | | | | | | | | | | | | |
| Streptavidin | – | – | 560797 | | | | 554060 | | 554061 349023* | 551487 | 554062 | 554064 340130* | 551419 | 557598 | 554061 349023* | 551487 | 554062 | 557598 | 554067 349024* | | | | 554063 | | |
| SSEA-1 (CD15) | MC480 | Hu† | | | | | 560127 | | 560886 560142 | | | | | | 560886 560142 | | | | | | | | | | |
| SSEA-3 | MC631 | Hu† | | | | | 560881 560236 | | 560879 560237 | | | | | | 560879 560237 | | | | | | | | | | |
| SSEA-4 | MC813-70 | Hu | | | | | 560126 | | 560128 | | | | | | 560128 | | | | | 560796 | | | | | |
| TCR αβ | WT31 | Hu | | | | | 347773* | | | | | | | | | | | | | | | | | | |
| | T10B9.1A-31 | Hu | | | | | 555547 | | 555548 | | | | | | 555548 | | | | | | | | | | |



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| TCR γδ | 11F2 | Hu | | | | | | 347903* | | 347907* | | | | | | 347907* | | | | | | | | | |
| | B1 | Hu | | | | | | 559878 | | 555717 | | | | | | 555717 | | | | 561049 | | | | | 555716 |
| TNFR Related Protein (Lymphotoxin β receptor;LTβR) | hTNFR-RP-M12 | Hu | | | | | | | | 551503 | | | | | | 551503 | | | | | | | | | |
| TRA-1-60 Antigen | TRA-1-60 | Hu | | 561135 BD | | | | 560876 560380 | | 560884 560193 | | | | | | 560884 560193 | | | | | 560850 BD | | | | |
| TRA-1-81 Antigen | TRA-1-81 | Hu | | | | | | 560883 560194 | | 560885 560161 | | | | | | 560885 560161 | | | | | 560793 | | | | |
| TWEAK | CARL-1 | Hu | | | | | | | | 552831 | | | | | | 552831 | | | | | | | | | |
| | CARL-2 | Hu | | | | | | | | 552890 | | | | | | 552890 | | | | | | | | | |
| Vβ8 (BV8) | JR2 | Hu | | | | | | 555606 | | 555607 | | | | | | 555607 | | | | | | | | | |
| Vγ9 TCR | B3 | Hu | | | | | | 555732 | | 555733 | | | | | | 555733 | | | | | | | | | |
| Vδ2 TCR | B6 | Hu | | | | | | 555738 | | 555739 | | | | | | 555739 | | | | | | | | | |



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| GM-CSF | BVD2-21C11 | Hu | | | | | | | 554507 | | | | | | 554507 | | | | | | | | | 554505 | | |
| IFN-α2b | 7N4-1 | Hu | | | | | | | 560097 | | | | | | 560097 | | | | | 560088 | | | | | | |
| IFN-γ | 25723.11 | Hu | | | | | 340449* | | 340452* | | | | | | 340452* | | | | | 341117* | | | | | | |
| | 4S.B3 | Hu† | | | | | 561057 554551 | | 561056 554552 559326 | | | | | 561036 557844 | 561056 554552 559326 | | | | 561036 557844 | | | | | 554550 | | |
| | B27 | Hu | 560372 560371 | | | | 554700 561065 | 557718 | 554701 559327 | | | | 560704 | 560924 557643 | 554701 559327 | | | | 560924 557643 | 554702 | 557729 | 561024 557995 | | | | |
| IL-1α | 364-3B3-14 | Hu | | | | | | | 554561 | | | | | | 554561 | | | | | | | | | | | |
| | AS5 | Hu | | | | | 340513* | | 340514* | | | | | | 340514* | | | | | | | | | | | |
| IL-1β | AS10 | Hu | | | | | 340515* | | 340516* | | | | | | 340516* | | | | | | | | | | | |
| IL-1ra | AS17 | Hu | | | | | | | 340525* | | | | | | 340525* | | | | | | | | | | | |
| IL-2 | 5344.111 | Hu | 560867 | | | | 340448* | | 340450* | | | | | | 340450* | | | | | 341116* | | | | | | |
| | MQ1-17H12 | Hu† | | | | | 561055 554565 | | 560902 554566 559334 | | | | 560708 | 560707 BD | 560902 554566 559334 | | | 560707 BD | 561054 554567 | | | | | | | |
| IL-3 | BVD3-1F9 | Hu | | | | | | | 554676 | | | | | | 554676 | | | | | | | | | 554674 | | |
| IL-4 | 3010.211 | Hu | | | | | | | 340451* | | | | | | 340451* | | | | | | | | | | | |
| | MP4-25D2 | Hu | | | | | 554484 | | 554485 | | | | | | 554485 | | | | | 554486 | | | | 554483 | | |
| | 8D4-8 | Hu† | | | | | | 557990 | 554516 559333 | | | | | 560672 | 554516 559333 | | | 560672 | 560671 | | | | | | | |
| IL-5 | JES1-39D10 | Hu | | | | | | | 554489 559332 | | | | | | 554489 559332 | | | | | | | | | | | |
| | TRFK5 | Hu† | | | | | | | 554395 | | | | | | 554395 | | | | | 554396 | | | | | | |
| IL-6 | AS12 | Hu | | | | | 340526* | | 340527* | | | | | | 340527* | | | | | | | | | | | |
| | MQ2-13A5 | Hu | | | | | 554544 | | 554545 | | | | | | 554545 | | | | | | | | | | | |
| | MQ2-6A3 | Hu | | | | | 554696 | | 554697 559331 | | | | | | 554697 559331 | | | | | | | | | | | |



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| IL-8 | AS14 | Hu | | | | | 340509* | | 340510* | | | | | | 340510* | | | | | | | | | | | |
| | G265-8 | Hu | | | | | | | 554720 | | | | | | 554720 | | | | | | | | | 554718 | | |
| IL-9 | MH9A3 | Hu | | | | | | | 560814 560807 | | | | | | 560814 560807 | | | | | 560815 560813 | | | | | | |
| IL-10 | JES3-19F1 | Hu† | | | | | | | 554706 559330 | | | | | | 554706 559330 | | | | 554707 | | | | | | | |
| | JES3-9D7 | Hu† | | | | | | | 554498 559337 | | | | | | 554498 559337 | | | | | | | | | | | |
| IL-12 (p40/p70) | C11.5 | Hu | | | | | 554574 | | 554575 559329 | | | | | | 554575 559329 | | | | 554576 | | | | | | | |
| IL-12 (p70) | 20C2 | Hu | | | | | | | 557020 559325 | | | | | | 557020 559325 | | | | | | | | | | | |
| IL-13 | JES10-5A2 | Hu | 561158 BD | | | | | | 554571 340508* 559328 | | | | | | 554571 340508* 559328 | | | | 561162 | | | | | | | |
| IL-16 | 14.1 | Hu | | | | | | | 554736 | | | | | | 554736 | | | | | | | | | | | |
| IL-17A | N49-653 | Hu | 560610 | | | | | 560489 560488 | 560487 560486 | | | | 560799 | | 560487 560486 | | | | | 560491 560490 | 560613 | | | | | |
| | SCPL1362 | Hu | | | | | | | 560438 560436 | | | | | | 560438 560436 | | | | | 560439 560437 | | | | | | |
| IL-17F | O33-782 | Hu | | | | | | | 561198 561197 | | | | | 561200 561199 | 561198 561197 | | | 561200 561199 | | | | | | | | |
| IL-21 | 3A3-N2.1 | Hu | | | | | | | 560463 | | | | | | 560463 | | | | | 560493 | | | | | | |
| IP-10 | 6D4/D6/G2 | Hu | | | | | | | 555049 | | | | | | 555049 | | | | | | | | | 555048 | | |
| IRAK4 | L29-525 | Hu | | | | | | | 560303 | | | | | | 560303 | | | | | 560315 | | | | | | |
| Leukemia Inhibitory Factor (LIF, HILDA) | 1F10 | Hu | | | | | | | 558571 | | | | | | 558571 | | | | | | | | | | | |
| LT-α | 359-81-11 | Hu | | | | | | | 554556 | | | | | | 554556 | | | | | | | | | 554555 | | |
| MCP-1 (monocyte chemoattractant protein 1) | 5D3-F7 | Hu | | | | | | | 554666 559324 | | | | | | 554666 559324 | | | | | | | | | | | |



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BD Multicolor Antibody Reagents Catalog **Human** Antibody Reagents



| Intracellular Cytokines and Chemokines | | | Violet Laser (405 nm) | | | | Blue Laser (488 nm) | | | | | | | | Green Laser (532 nm) / Yellow-Green Laser (561 nm) | | | | Red Laser (640 nm) | | | | | Biotin | | |
|--|----------|------------|-----------------------|---------------|--------|------------------|---------------------|------------------|------------------|---------------|--------|--------|--------------|------------------|--|---------------|--------|------------------|--------------------|------------------|------------------|---------|-----------|--------|--------|--------|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | 5 | | 1 | 2 | 3 | 4 | 1 | | 2 | | 3 | |
| | | | Emission Max | | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | | 785 nm | 785 nm |
| Product Name | Clone | Reactivity | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | |
| MIP-1 α (macrophage inflammatory protein-1 α) | 11A3 | Hu | | | | | | | 554730 | | | | | | 554730 | | | | | | | | | | | |
| MIP-1 β | D21-1351 | Hu | | | | | 560565 BD | | 561120 550078 | | | | 560688 BD | 560687 BD | 561120 550078 | | | 560687 BD | 560686 | | | | | | | |
| RANTES | 2D5 | Hu | | | | | | | 554732 559322 | | | | | | 554732 559322 | | | | | | | | | | | |
| TNF | MAb11 | Hu† | | | | | 554512 | 557722 | 554513 559321 | | | | 560679 | 560923 557647 | 554513 559321 | | | 560923 557647 | 554514 551384 | | 561023 557996 | | | 554511 | | |
| TNF- α | 6401.111 | Hu | | | | | 340511* | | 340512* | | | | | | 340512* | | | | 340534* | | | | | | | |



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| Product Name | Clone | Reactivity | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | | | |
| 4EBP1 (pT36/pT45) | M31-16 | Hu | | | | | | 560287 | 560285 | | | | | | 560285 | | | | | | | | | 560286 | | | | |
| 4EBP1 (pT69) | M34-273 | Hu | | | | | | 560290 | 560288 | | | | | | 560288 | | | | | | | | | | 560289 | | | |
| Akt (pS473) | M89-61 | Hu | 560858 BD | | | | | 560404 | 560378 | | | | | | 560378 | | | | | | | | | | 560343 | | | |
| AKT (pT308) | J1-223.371 | Hu† | | | | | | | 558275 | | | | | | 558275 | | | | | | | | | | | | | |
| Akt1 (PKBα, RAC-PK) | 55 | Hu | | | | | | 560048 | 560049 | | | | | | 560049 | | | | | | | | | | 560050 | | | |
| Bcl-2 | 6C8 | Hu | | | | | 554234 | | 556536 | | | | | | 556536 | | | | | | | | | | | | | |
| | Bcl-2/100 | Hu | 560637 BD | | | | 340575* 556357 | | 340576* 556535 | | | | | | 340576* 556535 | | | | | | | | | | | | | |
| Bcl-10 | 151 | Hu | | | | | 552881 | | 552881 | | | | | | | | | | | | | | | | | | | |
| BLNK (pY84) | J117-1278 | Hu† | | | | | | 558444 | 558442 | | | | | | 558442 | | | | | | | | | | 558443 | | | |
| BLNK (SLP-65, BASH, BCA) | 2B11 | Hu† | | | | | | 558693 | 558688 | | | | | | 558688 | | | | | | | | | | 558692 | | | |
| BrdU | 3D4 | Hu | 560810 BD | | | | 556028 | | 556029 | | | 560808 | 560809 | | 556029 | | | | | | | | | | | | | |
| | B44 | Hu | | | | | 347583* | | | | | | | | | | | | | | | | | | | | | |
| BrdU with DNase | B44 | Hu | | | | | 340649* | | | | | | | | | | | | | | | | | | | | | |
| Btk | 53/Btk | Hu | | | | | | | 558527 | | | | | | 558527 | | | | | | | | | | 558528 | | | |
| Btk (pY551) & Itk (pY511) | 24a/BTK (Y551) | Hu | | | | | | 558130 | 558129 | | | | | | 558129 | | | | | | | | | | 558134 | | | |
| Caspase-3, Active Form (CPP32) | C92-605 | Hu† | 560627 BD | | | | 560901 559341 | | 561011 550821 | | | | | | 561011 550821 | | | | | | | | | | 560626 BD | | | 550557 |
| β-Catenin (pS45) | K63-363 | Hu | | | | | | | 558638 | | | | | | 558638 | | | | | | | | | | 558666 | | | |
| c-Cbl (pY700) | 47/c-Cbl | Hu† | | | | | | 558101 | 558087 | | | | | | 558087 | | | | | | | | | | 558100 | | | |
| c-Cbl (pY774) | 29/c-Cbl | Hu | | | | | | | 558102 | | | | | | 558102 | | | | | | | | | | 558103 | | | |
| CD3ε | APA1/1 | Hu | | | | | 558261 | | 558260 | | | | | | 558260 | | | | | | | | | | 558257 | | | |
| CD20 (cytoplasmic) | H1 | Hu | | | | | | 558056 | 561174 | | | | | 560907 558021 | 561175 BD | 561174 | | | | | | | | 561175 BD | 558054 | 561171 BD | | 561172 BD |
| CDX-2 | M39-711 | Hu | | | | | | | | | | | | | | | | | | | | | | | 560395 560258 | | | |



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| CREB (pS133) / ATF-1 (pS63) | J151-21 | Hu | | | | | | 558435 | 558436 | | | | | | 558436 | | | | | | 558434 | | | | | |
| CrkL (pY207) | K30-391 .50.80 | Hu | | | | | | 560789 | 560788 | | | | | | 560788 | | | | | | 560790 | | | | | |
| Cyclin A | BF683 | Hu | | | | | 554107 | | 550913 | | | | | | 550913 | | | | | | | | | | | |
| Cyclin B1 (a.a 1-21) | GNS-1 | Hu† | | | | | 554108 | | 550783 | | | | | | 550783 | | | | | | | | | | | |
| Cyclin D1 | G124-326 | Hu | | | | | 554109 | | | | | | | | | | | | | | | | | | | |
| Cyclin D3 | G107-565 | Hu | | | | | 554111 | | | | | | | | | | | | | | | | | | | |
| Cytokeratin | CAM 5.2 | Hu | | | | | 347653* | | 347204* | | | | | | 347204* | | | | | | | | | | | |
| Cytokeratin 14, 15, 16, and 19 | KA4 | Hu | | | | | | | 550953 | | | | | | 550953 | | | | | | | | | | | |
| DCIR (Dendritic Cell Immunoreceptor) | I3-612 | Hu | | | | | | | | | | | | | | | | | | | 558220 | | | | | |
| E2A (E47) | G127-32 | Hu | | | | | 552510 | | | | | | | | | | | | | | | | | | | |
| EGF Receptor | EGFR1 | Hu | | | | | | | 555997 | | | | | | 555997 | | | | | | | | | | | |
| EGF Receptor (pY845) | 12A3 | Hu | | | | | | | | | | | | | | | | | | | 558523 | | | | | |
| EGF Receptor (pY1173) | 9H2 | Hu | | | | | | | | | | | | | | | | | | | 558524 | | | | | |
| eIF4E (pS209) | J77-925 | Hu | | | | | | | 560229 | | | | | | 560229 | | | | | | 560240 | | | | | |
| ELK-1 (pS383) | M21-1721 | Hu | | | | | | 560417 | 560412 | | | | | | 560412 | | | | | | 560413 | | | | | |
| eNOS | 33/eNOS | Hu† | | | | | | | 560103 | | | | | | 560103 | | | | | | 560102 | | | | | |
| ERK1/2 (pT202/pY204) | 20A | Hu† | | 560314 | | | | 612592 | 612566 | | | | 560115 | 560116 | 612566 | | | 560116 | | | 612593 | | | | | |
| ERK2 | G263-7 | Hu† | | | | | | 558525 | 558530 | | | | | | 558530 | | | | | | 558526 | | | | | |
| Ezrin (pY353) | I66-386 | Hu | | | | | | 558627 | 558601 | | | | | | 558601 | | | | | | 558628 | | | | | |
| FAK (pS910) | K73-480 | Hu | | | | | | 558544 | 558540 | | | | | | 558540 | | | | | | 558545 | | | | | |
| Fetal Hemoglobin | 2D12 | Hu | | | | | 552829 | | 560041 | | | | | | 560041 | | | | | | | | | | | |
| FoxP3 (Scurfin, IPEX, JM2) | 236A/E7 | Hu | 561182 | | | | | 561181 | 560852 | | | | | | 560852 | | | | | | 561184 | | | | | |
| | 259D/C7 | Hu† | 560460 560459 | | | | | 560887 560047 | 560082 560046 | | | | | | 560082 560046 | | | | | | 560889 560045 | | | | | |
| Galectin-3 | B2C10 | Hu | | | | | 556908 | | 556909 | | | | | | 556909 | | | | | | | | | | | |
| GATA3 | L50-823 | Hu | | | | | | 560163 | 560074 | | | | | 560405 | 560074 | | | 560405 | | | 560068 | | | | | |



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| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | 5 | | 1 | 2 | 3 | 4 | 1 | | 2 | | 3 |
| | | | Emission Max | | 448 nm | 452 nm | 500 nm | 491 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | | 785 nm |
| Product Name | Clone | Reactivity | BD Horizon™ V450 | Pacific Blue™ | BD Horizon™ V500 | AmCyan | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | |
| GATA4 | L97-56 | Hu† | | | | | | 560330 | 560328 | | | | | | 560328 | | | | | | 560400 | | | | |
| Granulysin | RB1 | Hu | | | | | | 558254 | | | | | | | | | | | | | | | | | |
| Granzyme A | CB9 | Hu | | | | | 558905 | | 558904 | | | | | | 558904 | | | | | | | | | | |
| Granzyme B | GB11 | Hu | 561151 BD | | | | 560211 | | 561142 | | | | | | 561142 | | | | | 560212 | 561016 560213 | | | | |
| H2AX (pS140) | N1-431 | Hu | | | | | | 560445 | | | | | | | | | | | | 560447 | | | | | |
| Histone H3 (pS28) | HTA28 | Hu† | 560606 BD | | | | | | | | | | | | | | | | | 558217 | | | | | |
| IκBα | 25/IκBa/MAD-3 | Hu | | | | | | | 560818 | | | | | | 560818 | | | | | | 560817 | | | | |
| IRF-7 | K40-321 | Hu | | | | | | 558707 | 558706 | | | | | | 558706 | | | | | | | | | | |
| IRF-7 (pS477/pS479) | K47-671 | Hu | | | | | | 558629 | 558621 | | | | | | 558621 | | | | | 558630 | | | | | |
| IRS-1 (pY896) | K9-211 | Hu | | | | | | | 558440 | | | | | | 558440 | | | | | 558441 | | | | | |
| Ki-67 | B56 | Hu† | 561281 BD | | | | 556026 | 561165 | 556027 | | | | 561284 BD | 556027 | | | | | | 561126 BD | 561277 BD | | | | |
| LAT (pY171) | I58-1169 | Hu | | | | | | 558519 | 558487 | | | | | | 558487 | | | | | 558518 | | | | | |
| LAT (pY226) | J96-1238 .58.93 | Hu | | | | | | 558430 | 558433 | | | | | | 558433 | | | | | 558432 | | | | | |
| Lck | MOL 171 | Hu† | | | | | | 558504 | 558496 | | | | | | 558496 | | | | | 558505 | | | | | |
| Lck (pY505) | 4/Lck-Y505 | Hu | | | | | | 557879 | 558552 | | | | | | 558552 | | | | | 558577 | | | | | |
| MAP2B | 18/MAP2B | Hu | | | | | | 560399 | | | | | | | | | | | | 560382 | | | | | |
| Mcm6 | Ki-Mcm6 | Hu | | | | | 557951 | | | | | | | | | | | | | | | | | | |
| MEK1 | 25/MEK1 | Hu† | | | | | | | 560099 | | | | | | 560099 | | | | | 560101 | | | | | |
| MEK1 (pS298) | J114-64 | Hu | | | | | | 560192 | 560042 | | | | | | 560042 | | | | | 560043 | | | | | |
| MEK2 | 96/MEK2 | Hu | | | | | | | 560388 | | | | | | 560388 | | | | | 560387 | | | | | |
| MRP-1 | QCRL-3 | Hu | | | | | 557593 | | | | | | | | | | | | | | | | | | |
| Myeloperoxidase (MPO) | 5B8 | Hu | | | | | 340580* | | 341642* | | | | | | 341642* | | | | | | | | | | |
| Nanog | N31-355 | Hu | | | | | | 560791 | 560873 560483 | | | | | | 560873 560483 | | | | | | | | | | |



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| Nestin | 25/NESTIN | Hu† | | | | | | | | | | | | | | | | | | | | | | | | |
| NF-κB p65 (pS529) | K10-895 .12.50 | Hu | | | | | | | 558421 | 558423 | | | | | 560335 | 558423 | | | 560335 | | | | | | | |
| NPM-ALK | ALK1 | Hu | | | | | | 559818 | | 559257 | | | | | | 559257 | | | | | | | | | | |
| Oct3/4 | 40/Oct-3 | Hu† | | | | | | | 560253 | 560186 | | | | | | 560794 | 560186 | | | | | | | | | |
| p16 ^{INK4} mAb / Isotype Reagent Set | G175-1239 | Hu | | | | | | 556560 | | 556561 | | | | | | | | | | | | | | | | |
| p38 MAPK (pT180/pY182) | 36/p38 (pT180/pY182) | Hu† | | | 560313 | | | | 612594 | 612565 | | | | | 560406 | 560241 | 612565 | | | | | | | | | |
| p53 | DO-7 | Hu† | | | | | | 554298 | | 556534 | | | | | | | 556534 | | | | | | | | | |
| | G59-12 | Hu† | | | | | | 557026 | | 557027 | | | | | | | 557027 | | | | | | | | | |
| p53 (acK382) | L82-51 | Hu | | | | | | | | | | | | | | | | | | | | | | | | |
| p53 (pS37) | J159-641.79 | Hu | | | | | | | 560282 | | | | | | | | | | | | | | | | | |
| p120 Catenin (pS268) | 9a.390 | Hu | | | | | | | 558558 | | | | | | | | | | | | | | | | | |
| p120 Catenin (pS288) | 17/Catenin (cl.17) | Hu | | | | | | | 558562 | 558567 | | | | | | | 558567 | | | | | | | | | |
| p120 Catenin (pS879) | K114-1011 | Hu | | | | | | | | 558634 | | | | | | | 558634 | | | | | | | | | |
| p120 Catenin (pT310) | 22/p120 (pT310) | Hu | | | | | | | 558667 | 558596 | | | | | | | 558596 | | | | | | | | | |
| p120 Catenin (pT916) | 1/Catenin | Hu | | | | | | | 558669 | 558637 | | | | | | | 558637 | | | | | | | | | |
| p130 ^{Cas} (pY249) | J169-757 .12.2 | Hu | | | | | | | 558546 | 558538 | | | | | | | 558538 | | | | | | | | | |
| PARP, Cleaved Form (Asp 214) | F21-852 | Hu† | | | | | | 558576 | | 552933 | | | | | | | 552933 | | | | | | | | | |
| PCNA | PC10 | Hu | | | | | | 556030 | | 556031 | | | | | | | 556031 | | | | | | | | | 555567 |
| PDPK1 (pS241) (PDK1, PKB Kinase, pS241, pS241, PDK1 (pS241), PKB Kinase (pS241)) | J66-653 .44.17 | Hu | | | | | | | 560090 | 560092 | | | | | | | 560092 | | | | | | | | | |
| Perforin | δG9 | Hu | | | | | | 556577 | | 556437 | | | | | | | 556437 | | | | | | | | | |



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|--|----------------|------------|-----------------------|---------------|--------|------------------|---------------------|------------------|--------|---------------|--------|--------|-------------|--------|--|---------------|--------|--------|--------------------|------------------|------------------|---------|-----------|--------|--------|--------|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | 5 | | 1 | 2 | 3 | 4 | 1 | 2 | | | 3 | |
| | | | Emission Max | | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | | 785 nm | 785 nm |
| Product Name | Clone | Reactivity | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | |
| Phosphotyrosine | PY20 | Hu† | | | | | | | 558008 | | | | | | 558008 | | | | | | | | | | | |
| PKA RIIα (pS99) | I65-856.286 | Hu | | | | | | | 560165 | | | | | | 560165 | | | | | | | | | 560164 | | |
| PKA[RIIβ] (pS114) | 47 | Hu | | | | | | 560204 | | | | | | | | | | | | | | | | 560205 | | |
| PKCα | 3/PKC | Hu | | | | | | 560242 | | | | | | | | | | | | | | | | 560243 | | |
| PKCα (pT497) | K14-984 | Hu† | | | | | | 560139 | 560141 | | | | | | 560141 | | | | | | | | | 560140 | | |
| PKCα (pT638) | 35/PKC | Hu | | | | | | | 560267 | | | | | | 560267 | | | | | | | | | | 560266 | |
| PKCθ | 27 | Hu | | | | | | | 560216 | | | | | | 560216 | | | | | | | | | 560344 | | |
| PLC-γ1 | 10/PLC-gamma | Hu | | | | | | 558566 | 558575 | | | | | | 558575 | | | | | | | | | | 558565 | |
| PLC-γ1 (pY783) | 27/PLC | Hu | | | | | | 557884 | | | | | | | | | | | | | | | | | 557883 | |
| PLC-γ2 | K86-1161 | Hu† | | | | | | 560135 | 560134 | | | | | | 560134 | | | | | | | | | | 560136 | |
| PLC-γ2 (pY759) | K86-689.37 | Hu | | | | | | 558507 | 558490 | | | | | | 558490 | | | | | | | | | | 558498 | |
| PLK1 (pT210) | K50-483 | Hu | | | | | | 558446 | 558445 | | | | | | 558445 | | | | | | | | | | 558447 | |
| PTEN (MMAC1, TEP1) | A2B1 | Hu | | | | | | | 560002 | | | | | | 560002 | | | | | | | | | | 560003 | |
| Pyk2 (pY402) | L68-1256.272 | Hu | | | | | | | 560255 | | | | | | 560255 | | | | | | | | | | 560256 | |
| Rb (a.a. 332-344) | G3-245 | Hu† | | | | | | 556538 | | | | | | | | | | | | | | | | | | |
| Rb (pS780) | J146-35 | Hu | | | | | | 558554 | 558548 | | | | | | 558548 | | | | | | | | | | 558555 | |
| Rb (pS807/pS811) | J112-906 | Hu | | | | | | 558589 | 558549 | | | | | | 558549 | | | | | | | | | | 558590 | |
| Rb, underphosphorylated (a.a. 514-610) | G99-549 | Hu† | | | | | | 550501 | 550502 | | | | | | 550502 | | | | | | | | | | | |
| S6 (pS244) | N5-676 | Hu | | | | | | | 560462 | | | | | | 560462 | | | | | | | | | | 560465 | |
| SHP2 (pY542) | L99-921 | Hu | | | | | | | | | | | | | 560389 | | | | | | | | | | 560390 | |
| SLP-76 | H3 | Hu | | | | | | 560056 | 560058 | | | | | | 560058 | | | | | | | | | | 560057 | |
| SLP-76 (pY128) | J141-668.36.58 | Hu | | | | | | 558439 | 558437 | | | | | | 558437 | | | | | | | | | | 558438 | |
| Sox2 | 245610 | Hu | | | | | | 560301 560292 | 560291 | | | | | | 560291 | | | | | | | | | | 560302 | |



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| Product Name | Clone | Reactivity | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | Biotin | |
| Src (pY418) | K98-37 | Hu | | | | | | 560095 | 560094 | | | | | | 560094 | | | | | | | | | | |
| Stat1 (N-Terminus) | 1/Stat1 | Hu | | | | | | | 558537 | | | | | | 558537 | | | | | | | | | | |
| Stat1 (pS727) | K51-856 | Hu | | | | | | 560191 | 560069 | | | | | | 560069 | | | | | | | | | | |
| Stat1 (pY701) | 14/P-STAT1 | Hu† | | 560310 | | | | | | | | | | | | | | | | | | | | | |
| | 4a | Hu† | | | | | | 612596 | 612564 | | | | 560113 | | 612564 | | | | | | | | | | |
| Stat3 | M59-50 | Hu | | | | | | | 560391 | | | | | | 560391 | | | | | 560392 | | | | | |
| Stat3 (pS727) | 49/p-Stat3 | Hu† | | | | | | 558085 | 558557 | | | | | | 558557 | | | | | | | | | | |
| Stat3 (pY705) | 4/P-STAT3 | Hu† | | 560312 | | | | 557814 | 612569 | | | | 560114 | | 612569 | | | | | | | | | | |
| Stat4 (pY693) | 38/p-Stat4 | Hu | | | | | | 558136 | 558249 | | | | | | 558249 | | | | | | | | | | |
| Stat5 (pY694) | 47 | Hu | | 560311 | | | | 612598 | 612567 | | | | 560118 | 560117 | 612567 | | | 560117 | | | | | | | |
| Stat6 | 23/Stat6 | Hu | | | | | | | 560001 | | | | | | 560001 | | | | | | | | | | |
| Stat6 (pY641) | 18 | Hu | 561203 BD | | | | | 612600 | 612701 | | | | 561195 BD | | 612701 | | | | | | | | | | |
| Syk | 4D10 | Hu | | | | | 552476 | | | | | | | | | | | | | | | | | | |
| Syk (pY348) | I120-722 | Hu† | | | | | | 560081 | 558529 | | | | | | 558529 | | | | | | | | | | |
| T-Bet | O4-46 | Hu† | | | | | | 561266 | 561268 | | | | | | 561268 | | | | | | | | | | |
| | 4B10 | Hu† | | | | | | | 561265 | | | | | | 561265 | | | | | | | | | | |
| TBK1 (pS172) (T2K, NAK) | J133-587 | Hu | | | | | | 558602 | 558604 | | | | | | 558604 | | | | | | | | | | |
| TBK1 (T2K, NAK) | 637Ig11.2 | Hu | | | | | | 558697 | 558696 | | | | | | 558696 | | | | | | | | | | |
| Terminal Transferase (TdT) | E17-1519 | Hu | | | | | 347194* 550756 | | 347195* 550757 | | | | | | 347195* 550757 | | | | | | | | | | 347196* |
| TIE2 (pY1102) (TEK, VMCM, CD202b) | K93-754 | Hu | | | | | | 560053 | 560052 | | | | | | 560052 | | | | | | | | | | |
| TIE2 (pY992) (TEK, VMCM, CD202b) | K91-860 | Hu | | | | | | | | | | | | | | | | | | | | | | | |
| TLR9 | eB72-1665 | Hu | | | | | | | 560425 | | | | | | | | | | | | | | | | 560428 |
| β-Tubulin, Class III | TUJ1 | Hu | | | | | | 560381 | | | | | | | | | | | | | | | | | |
| WIP (pS488) | K32-824 | Hu | | | | | | | 558673 | | | | | | 558673 | | | | | | | | | | |



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| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | | 5 | 1 | 2 | 3 | 4 | 1 | | | 2 | 3 | |
| | | | Emission Max | | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | | 719 nm | 785 nm | 785 nm |
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| ZAP-70 | 1E7.2 | Hu | | | | | 344931* | | 344635* | | | | | | 344635* | | | | | | | | | | | |
| Zap70 (pY292) | J34-602 | Hu | | | | | | 558516 | 558510 | | | | | | 558510 | | | | | 558515 | | | | | | |
| Zap-70 (pY319)/Syk (pY352) | 17a/P-ZAP70 | Hu† | | | | | | 557818 | 557881 | | | | | | 557881 | | | | | 557817 | | | | | | |



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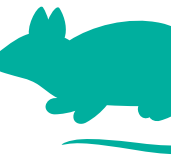
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BD Multicolor Antibody Reagents Catalog

Mouse Antibody Reagents

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| Surface Markers | | | Violet Laser (405 nm) | | | | Blue Laser (488 nm) | | | | | | | Green Laser (532 nm) / Yellow-Green Laser (561 nm) | | | | Red Laser (640 nm) | | | | | Biotin | | |
|---|-----------------|------------|-----------------------|------------------|---------------|--------|---------------------|----------------------------|------------------|----------------------------|---------------|------------------|------------------|--|----------------------------|----------------------------|---------------|--------------------|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | | 4 | | 5 | | 1 | | 2 | | 3 | | | |
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| Annexin V | – | – | | 560506 | | | | 560931 566420 556419 | | 560930 556422 556421 | | | | | 560930 556422 556421 | | | | 561012 550475 550474 | | | | | 556418 556417 | |
| CD1d (CD1.1, Ly-38) | 1B1 | Ms | | | | | | 553845 | | 553846 | | | | | | 553846 | | | | | | | | | 553844 |
| CD2 (LFA-2) | RM2-5 | Ms | | | | | | 553111 | | 553112 | | | | | | 553112 | | | | | | | | | 553110 |
| CD3 Molecular Complex | 17A2 | Ms | | | | | | 555274 | | 555275 | | 555276 | | 560527 | 560591 | 555275 | | 555276 | 560591 | | 557869 | | 560590 | | |
| CD3e (CD3 ε chain) | 145-2C11 | Ms | | | | | | 553061 553062 | 557666 | 553063 553064 | | 553065 | 561089 553067 | 561108 551163 | 561100 552774 | 553063 553064 | | 553065 | 561100 552774 | 553066 | | | 561042 557596 | | 553059 553060 |
| | 500A2 | Ms | | 560804 560801 | 558214 | | 560773 560771 | | | 553240 | | | | | | 553240 | | | | | | 557984 | | | 553239 |
| CD4 (L3T4) | GK1.5 | Ms | | | | | | 557307 553729 | | 557308 553730 | | | | | | 557308 553730 | | | | | | | 552051 | 560246 560181 | 553728 |
| | H129.19 | Ms | | | | | | 553650 553651 | | 553652 553653 | | 553654 | | | | 553652 553653 | | 553654 | | | | | | | 553648 553649 |
| | RM4-4 | Ms | | | | | | 553055 | | | | | | | | | | | | | | | | | 557443 |
| CD4 (L3T4) | RM4-5 | Ms | | 560470 560468 | 558107 | | 560783 560782 | 553046 553047 | 557667 | 553048 553049 | | 553050 | 561090 553052 | 561115 550954 | 561099 552775 | 553048 553049 | | 553050 | 561099 552775 | 561091 553051 | 557681 | 561025 557956 | | | 553044 553045 |
| | 53-7.3 | Ms | | 561244 | | | | 553020 553021 | | 553022 553023 | | 553024 | 553025 | | | 553022 553023 | | 553024 | | 550035 | | | | | 553018 553019 |
| CD5.1 (Ly-1.1) | H11-86.1 | Ms | | | | | | 557487 | | | | | | | | | | | | | | | | | |
| CD6 | J90-462 | Ms | | | | | | 558500 | | 558499 | | | | | | 558499 | | | | | | | | | |
| CD8a (Ly-2) | 53-6.7 | Ms | | 560471 560469 | 558106 | | 560778 560776 | 553030 553031 | 557668 | 561095 553032 553033 | | 561094 553034 | 561092 553036 | 561109 551162 | 561097 552877 | 561095 553032 553033 | | 561094 553034 | 561097 552877 | 561093 553035 | 557682 | 557959 | 557654 | 560247 560182 | 553028 553029 |
| | H35-17.2 | Ms | | | | | | | | 550798 | | | | | | 550798 | | | | | | | | | |
| CD8b.2 (Ly-3.2) | 53-5.8 | Ms | | | | | | 553040 | | 553041 | | | | | | 553041 | | | | | | | | | 553039 |
| CD11a (Integrin α _L chain, LFA-1α) | 2D7 | Ms | | | | | | 553120 | | 553121 | | | | | 558191 | 553121 | | | | | | | | | 557365 |
| | M17/4 | Ms | | | | | | 553340 | | | | | | | | | | | | | | | | | 557455 |
| CD11b (Integrin α _M chain) | M17/0 | Ms | | 560456 560455 | | | | 557396 553310 | 557672 | 557397 553311 | | | | 561114 550993 | 561098 552850 | 557397 553311 | | | 561098 552850 | 553312 | 557686 | 557960 | 561039 557657 | | 557395 553309 |



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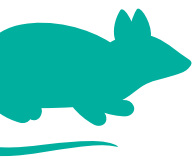


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| CD11c (Integrin α _x chain) | HL3 | Ms | 560521 | | | | 561045 557400 553801 | | 561044 557401 553802 | | | | | 560584 558079 | 561022 558079 | 561044 557401 553802 | | | 561022 558079 | 561119 550261 | | 560583 | | | 553800 | |
| CD13 | R3-242 | Ms | | | | | 558744 | | 558745 | | | | | | | 558745 | | | | | | | | | | |
| CD14 | rmC5-3 | Ms | 560639 BD | | | | 553739 | | 553740 | | | | | 560638 | | 553740 | | | | 560634 | | | 560636 BD | | | |
| CD16/CD32 (Fcγ III/II Receptor) | 2.4G2 | Ms | 560539 | | | | 553144 | | 553145 | | | | | 560540 560829 | 553145 | | | 560829 | 558636 | | | 560541 BD | | | 553143 | |
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| CD19 | 1D3 | Ms | 560376 560375 | | | | 557398 553785 | | 557399 553786 | | | | | 561113 551001 | 552854 | 557399 553786 | | | 552854 | 550992 | 557684 | 557958 | 557655 | 560245 560143 | 553784 | |
| CD21/CD35 (CR2/CR1) | 7G6 | Ms | | | | | 553818 | | 552957 | | | | | | 552957 | | | | 558658 | | | | | | | |
| CD22 (PY822) | 12a/CD22 | Ms | | | | | | 560075 | 560076 | | | | | | 560076 | | | | | | | | | | | |
| CD22.2 (Lyb-8.2) | Cy34.1 | Ms | | | | | 557474 | | 553384 | | | | | | 553384 | | | | | | | | | | 553382 | |
| CD23 (FcεRII) | B3B4 | Ms | | | | | 553138 | | 553139 | | | | | | 553139 | | | | | | | | | | 553137 | |
| CD24 (Heat Stable Antigen) | M1/69 | Ms | | | | | 553261 | | 561079 553262 | | | | | 560536 | 561079 553262 | | | 560536 | | | | | | | 553260 | |
| CD25 (IL-2 Receptor α chain, p55) | 3C7 | Ms | | | | | 558689 | | 553075 | | | | | | 553075 | | | | | 558643 | | | | | | |
| | 7D4 | Ms | | | | | 553071 553072 | | 558642 | | | | | | 558642 | | | | | | | | | | 553069 553070 | |
| | PC61 | Ms | | | | | | | 561065 553866 | | | | | 561112 551071 | 552880 | 561065 553866 | | | 552880 | 561048 557192 | | | 561038 557658 | | | |
| CD26 (THAM, DPP IV) | H194-112 | Ms | | | | | 559652 | | | | | | | | | | | | | | | | | | | |
| CD27 | LG.3A10 | Ms [†] | | | | | | | 558754 | | | | | | 558754 | | | | | 560691 | | | | | 558753 | |
| CD28 | 37.51 | Ms | | | | | | | 553297 | | | | | | 553297 | | | | | | | | | | 553296 | |
| CD29 (Integrin β ₁ chain) | Ha2/5 | Ms [†] | | | | | 555005 | | | | | | | | | | | | | | | | | | 555004 | |
| CD30 | mCD30.1 | Ms | | | | | | | 553825 | | | | | | 553825 | | | | | | | | | | 553824 | |
| CD31 (PECAM-1) | 390 | Ms | | | | | 558738 | | | | | | | | | | | | | | | | | | 558737 | |
| | MEC 13.3 | Ms | | | | | 553372 | | 561073 553373 | | | | | | 561073 553373 | | | | 551262 | | | | | | 553371 | |



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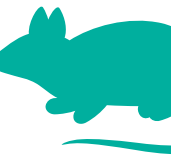
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| CD34 (Mucosialin) | RAM34 | Ms | | | | | 560238 553733 | | 551387 | | | | | | | 551387 | | | | | | | | | |
| CD38 | 90 | Ms | | | | | 558813 | | 553764 | | | | | | | 553764 | | | | | | | | | 553762 |
| CD40 | 3/23 | Ms | | | | | 553790 | | 553791 | | | | | | | 553791 | | | | | 558695 | | | | 553789 |
| CD40 | HM40-3 | Ms [†] | | | | | 553723 | | | | | | | | | | | | | | | | | | |
| CD41 (Integrin α _{IIb} chain) | MWRReg30 | Ms | | | | | 553848 | | 558040 | | | | | | | 558040 | | | | | | | | | |
| CD43 (Ly-48, Leukosialin) | S7 | Ms | | | | | 553270 | | 553271 | | | | | | | 553271 | | | | | 560663 | | | | 553269 |
| CD44 (Pgp-1, H-CAM, Ly-24) | IM7 | Ms | 560452 560451 | | | 560781 560780 | 553133 | | 553134 | | 553135 | | | 560570 | 560569 | 553134 | | 553135 | 560569 | 559250 | | 560567 | 560568 | | 553132 |
| CD45 (Leucocyte Common Antigen, Ly-5) | 30-F11 | Ms | 560501 | | | | 561088 553079 553080 | | 561087 553081 | | 553082 | 561047 557235 | 550994 | 552848 | 561087 553081 | | 553082 | 552848 | 561018 559864 | | 560510 | 561037 557659 | | | 553077 553078 |
| CD45.1 (Ly-5.1) | A20 | Ms | 560520 | | | | 553775 | | 553776 | | | | | 560580 | 560578 | 553776 | | | 560578 | 558701 | | 561235 | 560579 | | 553774 |
| CD45.2 (Ly-5.2) | 104 | Ms | 560697 | | | | 553772 | | 560695 | | | | | 561096 552950 | 560696 | 560695 | | 560696 | 558702 | | 560693 | 560694 | | | 553771 |
| CD45R/B220 | RA3-6B2 | Ms [†] | 560473 560472 | 558108 | | 561227 561226 | 553087 553088 | 557669 | 553089 553090 | 551489 | 553091 | 561086 553093 | 561101 552771 | 552772 | 553089 553090 | 551489 | 553091 | 552772 | 553092 | 557683 | 557957 | 561102 552094 | | | 553085 553086 |
| CD45RA | 14.8 | Ms | | | | | | | 553380 | | | | | | | 553380 | | | | | | | | | 557460 |
| CD45RB | 16A | Ms | | | | | 553099 553100 | | 553101 | | | | | | | 553101 | | | | | | | | | 553097 553098 |
| CD45RC | DNL-1.9 | Ms | | | | | | | 557357 | | | | | | | 557357 | | | | | | | | | |
| CD47 (IAP) | miap301 | Ms | | | | | 555298 | | | | | | | | | | | | | | | | | | |
| CD48 (BCM1) | HM48-1 | Ms | | | | | 557484 | | 557485 | | | | | 560731 | | 557485 | | 560731 | | | | | | | |
| CD49b (Integrin α ₂ chain) | HMα2 | Ms | | | | | | | 558759 | | | | | | | 558759 | | | | | 558295 | | | | |
| | Ha1/29 | Ms [†] | | | | | 554999 | | | | | | | | | | | | | | | | | | |
| CD49b/Pan-NK Cells | DX5 | Ms | | | | | 561067 553857 | | 561066 553858 | | | | | | | 561066 553858 | | | | 560628 | | | | | 553856 |
| CD49d (Integrin α ₄ chain) | 9C10 (MRF4.B) | Ms | | | | | | | 557420 | | | | | | | 557420 | | | | | | | | | 557419 |
| | R1-2 | Ms | | | | | 553156 | | 553157 | | | | | | | 553157 | | | | | | | | | 557406 |
| CD49e (Integrin α ₅ chain) | 5H10-27 | Ms | | | | | | | 557447 | | | | | | | 557447 | | | | | | | | | 557446 |



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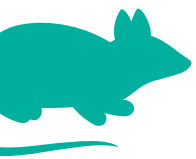


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| CD49f (Integrin α ₆ chain) | GoH3 | Ms [†] | | | | | 555735 | | 555736 | | 551129 | | | | 555736 | | 551129 | | | | | | | | | | | | | | | | | | | | | |
| CD51 (Integrin α _v chain) | RMV-7 | Ms | | | | | | | 551187 | | | | | | 551187 | | | | | | | | | | | | | | | | | | | | | | 551380 | |
| CD54 (ICAM-1) | 3E2 | Ms | | | | | 553252 | | 553253 | | | | | | 553253 | | | | | | | | | | | | | | | | | | | | | | 553251 | |
| CD55 (DAF) | RIKO-5 | Ms | | | | | | | 558037 | | | | | | 558037 | | | | | | | | | | | | | | | | | | | | | | | |
| CD61 (Integrin β ₃ chain) | 2C9.G2 | Ms [†] | | | | | 553346 | | 553347 | | | | | | 553347 | | | | | | | | | | | | | | | | | | | | | | 553345 | |
| CD62E (E-selectin, ELAM-1) | 10E9.6 | Ms | | | | | | | 553751 | | | | | | 553751 | | | | | | | | | | | | | | | | | | | | | | 553750 | |
| CD62L (L-selectin, LECAM-1, Ly-22) | MEL-14 | Ms | 560507 | | | | 553150 | | 553151 | | | | | 560513 | 560516 | 553151 | | 560516 | 553152 | | 560517 | 560514 | | | | | | | | | | | | | | 553149 | | |
| CD62P (P-selectin) | RB40.34 | Ms | | | | | 553744 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 553743 | | |
| CD64 a and b Alloantigens | X54-5/7.1 | Ms | | | | | | | 558455 | | | | | | 558455 | | | | | | | | | | | | | | | | | | | | | 558539 | | |
| CD69 (Very Early Activation Antigen) | H1.2F3 | Ms | 560690 | | | | 557392 553236 | | 553237 | | | | | 551113 | 552879 | 553237 | | 552879 | 560689 | | | | | | | | | | | | | | | | | 553235 | | |
| CD70 | FR70 | Ms | | | | | | | 555286 | | | | | | 555286 | | | | | | | | | | | | | | | | | | | | | | 555285 | |
| CD71 (Transferrin Receptor) | C2 | Ms | | | | | 553266 | | 553267 | | | | | | 553267 | | | | | | | | | | | | | | | | | | | | | 557416 | | |
| CD72 a, b, and d Alloantigens (Lyb-2.1, Lyb-2.2, Lyb-2.4) | K10.6 | Ms | | | | | 550966 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD72 b and c Alloantigens (Lyb-2.2 and Lyb-2.3) | JY/93 | Ms | | | | | | | 550269 | | | | | | 550269 | | | | | | | | | | | | | | | | | | | | | | | |
| CD73 (Ecto-5-nucleotidase) | TY/23 | Ms | | | | | | | 550741 | | | | | | 550741 | | | | | | | | | | | | | | | | | | | | | | | |
| CD74 (II) | In-1 | Ms | | | | | 555318 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD79b (Igβ) | HM79b | Ms | | | | | 555303 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80 (B7-1) | 16-10A1 | Ms [†] | 560523 | | | | 553768 | | 553769 | | | | | 560526 | 553769 | | | | 560016 | | | | | | | | | | | | | | | | | 553767 | | |
| CD81 (TAPA-1) | Eat2 | Ms [†] | | | | | | | 559519 | | | | | | 559519 | | | | | | | | | | | | | | | | | | | | | 559518 | | |
| CD83 | Michel-19 | Ms | | | | | | | 558205 | | | | | | 558205 | | | | | | | | | | | | | | | | | | | | | | | |



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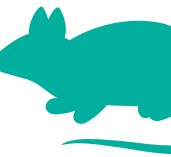
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| CD86 (B7-2) | GL1 | Ms | 560450 560449 | | | | 553691 | | 553692 | | | | | | 560582 | 553692 | | | 560582 | 558703 | | 560581 | | | 553690 |
| CD90.1 (Thy-1.1) | OX-7 | Ms† | | | | | 554897 | | 551401 554898 | | | | 557266 | | | 551401 554898 | | | | | | | | | 554896 |
| | HIS51 | Ms† | | | | | 554894 | | | | | | | | | | | | | | | | | | 554893 |
| CD90.2 (Thy-1.2) | 30-H12 | Ms | | | | | 553012 553013 | | 553014 | | | | | | | 553014 | | | | | | | | | 553011 |
| | 53-2.1 | Ms | | | | | 553003 553004 | | 553005 553006 | | | | | | | 553005 553006 | | | | 553007 | | | | | 553001 553002 |
| CD95 (Fas/APO-1) | Jo2 | Ms | | | | | 554257 | | 554258 | | | | | | 557653 | 554258 | | | 557653 | | | | | | 554256 |
| CD102 (ICAM-2) | 3C4 (mIC2/4) | Ms | | | | | 557444 | | | | | | | | | | | | | | | | | | 557441 |
| CD103 (Integrin α _{EL} chain) | M290 | Ms | | | | | 557494 | | 561043 557495 | | | | | | | 561043 557495 | | | | | | | | | 557493 |
| | M293 | Ms | | | | | 557497 | | 557498 | | | | | | | 557498 | | | | | | | | | |
| CD106 (VCAM-1) | 429 (MVCAM.A) | Ms | | | | | 553332 | | | | | | | | | | | | | | | | | | 553331 |
| CD107a (LAMP-1) | 1D4B | Ms | 560648 BD | | | | 561069 553793 | | 558661 | | | | | | 560647 BD | 558661 | | | 560647 BD | 560646 | | | | | |
| CD107b (LAMP-2) | ABL-93 | Ms | | | | | 558758 | | | | | | | | | | | | | | | | | | |
| CD117 (c-Kit) | 2B8 | Ms | 560558 | | | | 553354 | | 561075 553355 | | | | | 560557 | 558163 | 561075 553355 | | | 558163 | 561074 553356 | | | | 560250 560185 | 553353 |
| | ACK45 | Ms | | | | | | | 553869 | | | | | | | 553869 | | | | | | | | | |
| CD120b (TNF Receptor, Type II/p75) | TR75-89 | Ms | | | | | | | 550086 | | | | | | | 550086 | | | | | | | | | 550476 |
| CD121a (IL-1 Receptor, Type I/p80) | 35F5 | Ms | | | | | | | 557489 | | | | | | | 557489 | | | | | | | | | |
| CD121b (IL-1 Receptor, Type II/p60) | 4E2 | Ms | | | | | | | 554450 | | | | | | | 554450 | | | | | | | | | |
| CD122 (IL-2 and IL-15 Receptor β chain) | 5H4 | Ms | | | | | 554452 | | | | | | | | | | | | | | | | | | |
| | TM-b1 | Ms | | | | | 553361 | | 553362 | | | | | | | 553362 | | | | | | | | | 559884 |
| CD124 (IL-4 Receptor α chain) | mIL4R-M1 | Ms | | | | | | | 552509 | | | | | | | 552509 | | | | | | | | | 552508 |



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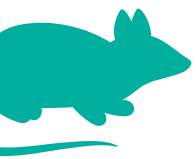


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| CD125 (IL-5 Receptor α chain) | T21 | Ms | | | | | | | 558533 | 558488 | | | | | | 558488 | | | | | | | | | | |
| CD126 (IL-6 Receptor α chain) | D7715A7 | Ms | | | | | | | | 554462 | | | | | | 554462 | | | | | | | | | | |
| CD127 (IL-7 Receptor α chain) | SB/199 | Ms | | | | | | | | 552543 | | | | | 560733 | 552543 | | | 560733 | | | | | | | |
| CD131 (β _{IL-3R} , β ₂) | JORO50 | Ms | | | | | | | | 559920 | | | | | | 559920 | | | | | | | | | | |
| CD132 (Common γ chain, γ _c) | 4G3 | Ms | | | | | | | | 554457 | | | | | | 554457 | | | | | | | | | | |
| | TUGm2 | Ms | | | | | | | | 554471 | | | | | | 554471 | | | | | | | | | 554470 | |
| CD135 (Flk-2/Flt3, Ly-72) | A2F10.1 | Ms | | | | | | | | 561068 553842 | | | | | 561068 553842 | | | | 560718 | | | | | | | |
| CD137 (4-1BB, Ly-63) | 1AH2 | Ms | | | | | | 558975 | | 558976 | | | | | | 558976 | | | | | | | | | 558974 | |
| CD138 (Syndecan-1) | 281-2 | Ms | | | | | | | | 561070 553714 | | | | | | 561070 553714 | | | | 558626 | | | | | 553713 | |
| CD140b (pY771) (PDGF Receptor β) | J23-1044 | Ms | | | | | | | 558424 | 558426 | | | | | | 558426 | | | | | | | | | 558425 | |
| CD140b (pY857) (PDGF Receptor β) | J24-618 | Ms [†] | | | | | | | 558427 | 558429 | | | | | | 558429 | | | | | | | | | 558428 | |
| CD140b (pY1009) (PDGF Receptor β) | J25-650 | Ms [†] | | | | | | | | 558322 | | | | | | 558322 | | | | | | | | | 558323 | |
| CD140b (pY1021) (PDGF Receptor β) | J105-412 | Ms [†] | | | | | | | 558419 | 558417 | | | | | | 558417 | | | | | | | | | 558418 | |
| CD152 (CTLA-4) | UC10-4F10-11 | Ms | | | | | | | | 553720 | | | | | | 553720 | | | | | | | | | | |
| CD153 (CD30 Ligand) | RM153 | Ms | | | | | | | | 559232 | | | | | | 559232 | | | | | | | | | | |
| CD154 (CD40 Ligand, gp39) | MR1 | Ms | | | | | | | | 553658 | | | | | | 553658 | | | | | | | | | | 553657 |
| CD157 (BP-3 Alloantigen) | BP-3 | Ms | | | | | | | | 552814 | | | | | | 552814 | | | | | | | | | | |
| CD162 (PSGL-1) | 2PH1 | Ms | | | | | | | | 555306 | | | | | | 555306 | | | | | | | | | | |
| CD172a (SIRPα, SHPS-1, BIT) | P84 | Ms | | | | | | 560316 | | 560107 | | | | | | 560107 | | | | | 560106 | | | | | |



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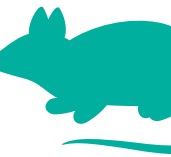
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| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | 5 | | 1 | 2 | 3 | 4 | 1 | | 2 | | 3 | |
| Product Name | Clone | Reactivity | Emission Max | | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | 785 nm | 785 nm | |
| | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | |
| CD178 (Fas Ligand, CD95 Ligand) | MFL3 | Ms | | | | | | | 555293 | | | | | | | 555293 | | | | | | | | | 555292 | |
| CD178.1 (mFasL.1, CD95 Ligand) | Kay-10 | Ms | | | | | | | 553854 | | | | | | | 553854 | | | | | | | | | | 553853 |
| CD184 (CXCR4, Fusin) | 2B11/CXCR4 | Ms | 560875 BD | | | | | 551967 | 551966 | | | | | | | 551966 | | | | | 558644 | | | | | 551968 |
| CD185 (CXCR5) | 2G8 | Ms | | | | | 560577 BD | | | | | | | 560528 BD | 560617 BD | | | | | 560615 BD | | | | | | 551960 |
| CD193 (CCR3) | 83103 | Ms | | | | | | | | | | | | | | | | | | | 557974 | | | | | |
| CD195 (CCR5) | C34-3448 | Ms | | | | | | | 559923 | | | | | | | 559923 | | | | | | | | | | 559922 |
| CD196 (CCR6) | 140706 | Ms | | | | | | | | | | | | | | | | | | | 557976 | | | | | |
| CD197 (CCR7) | 4B12 | Ms | 560805 | | | | | | 560682 | | | | | 560812 | | 560682 | | | | | 560766 | | | | | |
| CD210 (IL-10 Receptor) | 1B1.3a | Ms | | | | | | | 559914 | | | | | | | 559914 | | | | | | | | | | |
| CD212 (IL-12 Receptor β chain) | 114 | Ms | | | | | | | 551974 | | | | | | | 551974 | | | | | | | | | | 551973 |
| CD223 (LAG3) | C9B7W | Ms | | | | | | | 552380 | | | | | | | 552380 | | | | | | | | | | |
| CD229.1 (Ly-9.1) | 30C7 | Ms | | | | | 553117 | | 560201 | | | | | | | 560201 | | | | 560188 | | | | | | 557363 |
| CD244.2 (2B4 B6 Alloantigen) | 2B4 | Ms | | | | | 553305 | | 553306 | | | | | | | 553306 | | | | | | | | | | 557452 |
| CD267 (TACI) | 8F10 | Ms | | | | | | | 558410 | | | | | | | 558410 | | | | | 558453 | | | | | |
| CD273 (B7-DC, PD-L2) | TY25 | Ms | | | | | | | 557796 | | | | | | | 557796 | | | | 560086 | | | | | | |
| CD274 (B7-H1, PD-L1) | MIH5 | Ms | | | | | | | 558091 | | | | | | | 558091 | | | | | | | | | | |
| CD278 (ICOS) | 7E.17G9 | Ms | | | | | | | 552146 | | | | | | | 552146 | | | | | | | | | | 552145 |
| CD279 (PD-1) | J43 | Ms | | | | | | | 551892 | | | | | | | 551892 | | | | | | | | | | |
| CD284/MD-2 Complex (TLR4/MD-2 Complex) | MTS510 | Ms | | | | | | | 558294 | | | | | | | 558294 | | | | | | | | | | |
| CD314 (NKG2D) | CX5 | Ms | | | | | | | 558403 | | | | | | | 558403 | | | | | | | | | | |
| CD335 (NKp46) | 29A1.4 | Ms | 560764 560763 BD | | | | 560756 | | 560757 | | | | | 560800 | | 560757 | | | | | 560755 | 561169 | | | | |
| Dendritic Cells | 33D1 | Ms | | | | | | | 557578 | | | | | | | 557578 | | | | | | | | | | 552776 |



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BD Multicolor Antibody Reagents Catalog **Mouse** Antibody Reagents

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| DO-11.10 Clonotypic TCR | KJ1-26 | Ms | | | | | | | 551772 | | | | | | 551772 | | | | | | | | | |
| Early B Lineage | AA4.1 | Ms | | | | | 559156 | | 558039 | | | | | | 558039 | | | | | | | | | |
| FR4 | 12A5 | Ms | | | | | | | 560320 | | | | | | 560320 | | | | 560318 | | | | | |
| | TH6 | Ms | | | | | | | 560324 | | | | | | 560324 | | | | 560319 | | | | | |
| GITR | DTA-1 | Ms | | | | | 558139 | | 558119 | | | | | 558140 | 558119 | | | 558140 | | | | | | |
| H-2D ^b | KH95 | Ms | | | | | 553573 | | 553574 | | | | | | 553574 | | | | | | | | | 553572 |
| H-2D ^d | 34-2-12 | Ms | | | | | 553579 | | 553580 | | | | | | 553580 | | | | | | | | | 553578 |
| | 34-5-8S | Ms | | | | | | | 558917 | | | | | | 558917 | | | | | | | | | |
| H-2D ^k | 15-5-5 | Ms | | | | | 553585 | | | | | | | | | | | | | | | | | |
| H-2K ^b | AF6-88.5 | Ms | | | | | 553569 | | 561072 553570 | | | | | | 561072 553570 | | | | | | | | | 553568 |
| H-2K ^b /H-2D ^b | 28-8-6 | Ms | | | | | | | | | | | | | | | | | | | | | | 553576 |
| H-2K ^d | SF1-1.1 | Ms | | | | | 553565 | | 553566 | | | | | | 553566 | | | | | | | | | 553564 |
| H-2K ^k | 36-7-5 | Ms | | | | | 553592 | | 553593 | | | | | | 553593 | | | | | | | | | 553591 |
| | AF3-12.1 | Ms | | | | | 553554 | | | | | | | | | | | | | | | | | |
| H-2K ^q | KH114 | Ms | | | | | 553597 | | | | | | | | | | | | | | | | | |
| H-2K ^s | KH49 | Ms | | | | | 558841 | | | | | | | | | | | | | | | | | |
| I-A/I-E | 2G9 | Ms | | | | | 553623 | | 558593 | | | | | | 558593 | | | | | | | | | 553622 |
| | M5/114.15.2 | Ms | | | | | | | 557000 | | | | | | 557000 | | | | | | | | | |
| I-A ^b | AF6-120.1 | Ms | | | | | 553551 | | 553552 | | | | | | 553552 | | | | | | | | | 553550 |
| I-A ^b (A _b ^b) | 25-9-17 | Ms | | | | | 553605 | | | | | | | | | | | | | | | | | 553604 |
| I-A ^d | 39-10-8 | Ms | | | | | 553610 | | | | | | | | | | | | | | | | | 553609 |
| | AMS-32.1 | Ms | | | | | 553547 | | 553548 | | | | | | 553548 | | | | | | | | | 553546 |
| I-A ^k (A _α ^k) | 11-5.2 | Ms | | | | | 553536 | | 553537 | | | | | | 553537 | | | | | | | | | 558794 |
| I-A ^k (A _β ^k) | 10-3.6 | Ms | | | | | 553540 | | | | | | | | | | | | | | | | | 553539 |
| I-A ^p | 7-16.17 | Ms | | | | | 558921 | | | | | | | | | | | | | | | | | |
| I-E ^k | 17-3-3 | Ms | | | | | 558846 | | | | | | | | | | | | | | | | | 558845 |
| | 14-4-4S | Ms [†] | | | | | 553543 | | 553544 | | | | | | 553544 | | | | | | | | | 558735 |



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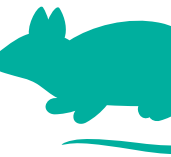
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| Ig (affinity-purified) | Polyclonal | Ms | | | | | 349031* | | | | | | | | | | | | | | | | | | | |
| Ig, κ light chain | 187.1 | Ms | | | | | 550003 | | 559940 | | | | | 560668 BD | 560667 BD | 559940 | | | 560667 BD | | | | | | | 559750 |
| | X36 | Ms | | | | | | | 349073* | | | | | | | 349073* | | | | | | | | | | |
| IgA | C10-3 | Ms | | | | | 559354 | | | | | | | | | | | | | | | | | | | |
| IgD | 11-26c.2a | Ms | 560869 | | | | 553439 | | 558597 | | | | | | | 558597 | | | | 560868 | | | | | | |
| IgD ^a (Igh-5a, Igh-5.4) | AMS 9.1 | Ms | | | | | 553507 | | | | | | | | | | | | | | | | | | | 553506 |
| IgD ^b (Igh-5b) | 217-170 | Ms | | | | | 553510 | | 553511 | | | | | | | 553511 | | | | | | | | | | 553509 |
| IgE | R35-72 | Ms | | | | | 553415 | | | | | | | | | | | | | | | | | | | 553414 |
| IgG & IgM (human adsorbed) | Polyclonal | Ms | | | | | 555988 | | | | | | | | | | | | | | | | | | | |
| IgG ₁ | A85-1 | Ms | | | | | 553443 | | 550083 | | | | | | | 550083 | | | | | 560089 | | | | | 553441 |
| | X56 | Ms | | | | | | | 340270* | | | | 340272* | | | 340270* | | | | | 550874 | | | | | |
| IgG _{2a} | R19-15 | Ms | | | | | 553390 | | | | | | | | | | | | | | | | | | | 553388 550332 |
| IgG _{2a/2b} | R2-40 | Ms | | | | | 553399 | | | | | | | | | | | | | | | | | | | 553398 |
| IgG _{2a+b} | X57 | Ms | | | | | | | 340269* | | | | 340271* | | | 340269* | | | | | | | | | | |
| IgG _{2a} ^a (Igh-1a) | 8.3 | Ms | | | | | | | | | | | | | | | | | | | | | | | | 553502 |
| IgG _{2b} | R12-3 | Ms | | | | | 553395 | | | | | | | | | | | | | | | | | | | 553393 550333 |
| | R40-82 | Ms | | | | | 553403 | | | | | | | | | | | | | | | | | | | 553401 |
| IgM | II/41 | Ms | | | | | 553437 | | | | | | | | | | | | | 550676 | | | | | | 553436 |
| | R6-60.2 | Ms | 560575 BD | | | | 553408 | | 553409 | | | | | 550881 | 552867 | 553409 | | | 552867 | | | | | | | 553406 |
| IgM ^a (Igh-6a) | DS-1 | Ms | | | | | 553516 | | 553517 | | | | | | | 553517 | | | | | | | | | | 553515 |
| IgM ^b (Igh-6b) | AF6-78 | Ms | | | | | 553520 | | 553521 | | | | | | | 553521 | | | | | | | | | | 553519 |
| IL-21 Receptor | 4A9 | Ms | | | | | | | 558607 | | | | | | | 558607 | | | | | | | | | | |
| Lineage Cocktail | - | Ms | 561301 | | | | | | | | | | | 561317 BD | | | | | | | | | | | | |



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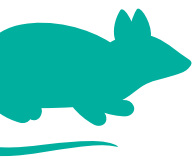
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| LPAM-1 (Integrin $\alpha_4\beta_7$ complex) | DATK32 | Ms | | | | | | | 553811 | | | | | | | 553811 | | | | | | | | | |
| Ly-6A/E (Sca-1) | D7 | Ms | 560653 | | | 561229 561228 | 557405 | | 553108 | | | | | 561021 558162 | 553108 | | | 561021 558162 | | | | | 560654 BD | | 557404 |
| | E13-161.7 | Ms | | | | | 561077 553335 | | 561076 553336 | | | | | | 561076 553336 | | | | | | | | | | 553334 |
| Ly-6C | AL-21 | Ms | 560594 | | | | 561085 553104 | | 560592 | | | | | 560525 | 560593 | 560592 | | | 560593 | 560595 | | | 560596 BD | | 557359 |
| Ly-6d | 49-H4 | Ms | | | | | 561148 BD | | 561149 BD | | | | | | | 561149 BD | | | | | 561147 BD | | | | |
| Ly-6G | 1A8 | Ms | 560603 | | | | 561105 551460 | | 561104 551461 | | | | | 560602 | 560601 | 561104 551461 | | | 560601 | 560599 | | | 561236 | 560600 BD | |
| Ly-6G and Ly-6C (Gr-1) | RB6-8C5 | Ms | 560454 560453 | | | | 553126 553127 | | 561084 553128 | | | | | 561103 552093 | 552985 | 561084 553128 | | | 552985 | 561083 553129 | | | 557979 | 557661 | 553124 553125 |
| Ly-49A ^{B6} | A1 | Ms | 561204 | | | | 553677 | | 557424 | | | | | | | 557424 | | | | | | | | | 557423 |
| Ly-49C and Ly-49I | 5E6 | Ms | | | | | 553276 | | 553277 | | | | | | | 553277 | | | | | | | | | 557418 |
| Ly-49D | 4E5 | Ms | | | | | 555313 | | | | | | | | | | | | | | | | | | |
| Ly-49F | HBF-719 | Ms | | | | | | | 550987 | | | | | | | | | | | | | | | | 550986 |
| Ly-49G2 (LGL-1) | 4D11 | Ms | | | | | 555315 | | | | | | | 560730 BD | | | | 560730 BD | | 555316 | | | | | |
| Ly-49G2 ^{B6} | Cwy-3 | Ms | | | | | 550580 | | | | | | | | | | | | | | | | | | |
| Ly-49I | YLI-90 | Ms | | | | | | | 550595 | | | | | | | 550595 | | | | | | | | | |
| Ly-51 (6C3/BP-1 Antigen) | 6C3 | Ms | | | | | 553160 | | | | | | | | | | | | | | | | | | 553159 |
| | BP-1 | Ms | | | | | | | 553735 | | | | | | | 553735 | | | | | | | | | |
| Mac-3 | M3/84 | Ms | | | | | 553323 | | 553324 | | | | | | | 553324 | | | | | | | | | |
| MD-1 (Ly-86) | MD14 | Ms | | | | | | | | | | | | | | | | | | | | | | | 558204 |
| NK-1.1 (NKR-P1B and NKR-P1C) | PK136 | Ms | 560524 | | | | 561082 553164 | | 561046 557391 553165 | | | | | 561111 551114 | 552878 | 561046 557391 553165 | | | 552878 | 561117 550627 | | | 560515 BD | 560618 | 553163 |



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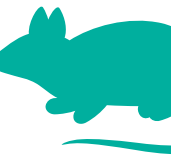
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| NKG2A/C/E | 20d5 | Ms | | | | | 550520 | | | | | | | | | | | | | | | | | | 550519 | |
| NK-T/NK Cell Antigen (ICAM-1) | U5A2-13 | Ms | | | | | | | 550082 | | | | | | | 550082 | | | | | | | | | | |
| PIR-A/B | 6C1 | Ms | | | | | | | 550349 | | | | | | | 550349 | | | | | | | | | | |
| RAE-1 | CX1 | Ms | | | | | | | 558078 | | | | | | | 558078 | | | | | | | | | | |
| RANKL/TRANSE | IL22-5 | Ms | | | | | | | 560295 | | | | | | | 560295 | | | | | 560296 | | | | | |
| Siglec-F | E50-2440 | Ms | | | | | | | 552126 | | | | | | | 552126 | | | | | | | | | | |
| SSEA-1 | MC480 | Ms | | | | | 560127 | | 560886 560142 | | | | | | | 560886 560142 | | | | | | | | | | |
| SSEA-3 | MC631 | Ms [†] | | | | | 560881 560236 | | 560879 560237 | | | | | | | 560879 560237 | | | | | | | | | | |
| Streptavidin | | | 560797 | | | | 554060 | | 554061 349023* | 551487 | 554062 | 554064 340130* | 551419 | 557598 | 554061 349023* | 551487 | 554062 | 557598 | 554067 349024* | | | | 554063 | | | |
| Syndecan-4 | KY/8.2 | Ms | | | | | | | 550352 | | | | | | | 550352 | | | | | | | | | | 550351 |
| T- and B-Cell Activation Antigen (GL7, Ly-77) | GL7 | Ms | | | | | 553666 | | | | | | | | | | | | | | | | | | | |
| TCR β chain | H57-597 | Ms | 560706 | | | | 553170 553171 | | 561081 553172 | | 553173 | | | 560657 560729 | 561081 553172 | | 553173 | 560729 | 561080 553174 | | | 560705 | 560656 | | | 553168 553169 |
| TCR γδ | GL3 | Ms | | | | | 553177 | | 553178 | | | | | | 553178 | | | | | | | | | | | 553176 |
| TER-119/Erythroid cells (Ly-76) | TER-119 | Ms | | | | | 561032 557915 | | 561071 553673 | | | | | 557853 | 561071 553673 | | | 557853 | 561033 557909 | | | 560508 | 560509 | | | 553672 |
| Vα2 TCR | B20.1 | Ms | 560625 | | | | 553288 | | 561078 553289 | | | | | 560529 560624 BD | 561078 553289 | | | 560624 BD | 560622 | | | 560623 | | | 553287 | |
| Vα3.2 ^{bc} TCR | RR3-16 | Ms | | | | | 553219 | | | | | | | | | | | | | | | | | | | 553218 |
| Vα8.3 TCR | B21.14 | Ms | | | | | 553376 | | 553377 | | | | | | | 553377 | | | | | | | | | | |
| | KT50 | Ms | | | | | | | | | | | | | | | | | | | | | | | | 557096 |
| Vβ2 TCR | B20.6 | Ms | | | | | 553280 | | 553281 | | | | | | 553281 | | | | | | | | | | | 553279 |
| Vβ3 TCR | KJ25 | Ms | | | | | 553208 | | 553209 | | | | | | 553209 | | | | | | | | | | | 553207 |



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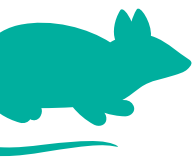
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|---------------------------------|----------|------------|-----------------------|---------------|--------|------------------|---------------------|------------------|--------|---------------|--------|-------|-------------|--------|--|---------------|--------|--------|--------------------|------------------|------------------|---------|-----------|--------|--------|--|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | 5 | | 1 | 2 | 3 | 4 | 1 | | 2 | | 3 | |
| Product Name | Clone | Reactivity | Emission Max | | | | | | | | | | | | | | | | | | | | | | | |
| | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | |
| Vβ5.1, 5.2 TCR | MR9-4 | Ms | | | | | 553189 | | 553190 | | | | | | 553190 | | | | | | | | | | 553188 | |
| Vβ6 TCR | RR4-7 | Ms | | | | | 553193 | | 553194 | | | | | | 553194 | | | | | | | | | | 553192 | |
| Vβ7 TCR | TR310 | Ms | | | | | 553215 | | 553216 | | | | | | 553216 | | | | | | | | | | | |
| Vβ8 TCR | F23.1 | Ms | | | | | 553861 | | 553862 | | | | | | 553862 | | | | | | | | | | 553860 | |
| Vβ8.1, 8.2 TCR | MR5-2 | Ms | | | | | 553185 | | 553186 | | | | | | 553186 | | | | | | | | | | 553184 | |
| Vβ8.3 TCR | 1B3.3 | Ms | | | | | 553663 | | 553664 | | | | | | 553664 | | | | | | | | | | | |
| Vβ9 TCR | MR10-2 | Ms | | | | | 553201 | | | | | | | | | | | | | | | | | | | |
| Vβ10 ^b TCR | B21.5 | Ms | | | | | 553284 | | 553285 | | | | | | 553285 | | | | | | | | | | | |
| Vβ11 TCR | RR3-15 | Ms | | | | | 553197 | | 553198 | | | | | | 553198 | | | | | | | | | | 553196 | |
| Vβ11.1, 11.2 ^{b,d} TCR | RR8-1 | Ms | | | | | 553222 | | 553223 | | | | | | 553223 | | | | | | | | | | 553221 | |
| Vβ12 TCR | MR11-1 | Ms | | | | | 553300 | | | | | | | | | | | | | | | | | | 553299 | |
| Vβ13 TCR | MR12-3 | Ms | | | | | 553204 | | | | | | | | | | | | | | | | | | | |
| Vβ14 TCR | 14-2 | Ms | | | | | 553258 | | | | | | | | | | | | | | | | | | 553257 | |
| Vβ17 ^a TCR | KJ23 | Ms | | | | | 553212 | | | | | | | | | | | | | | | | | | | |
| Vδ4 TCR | GL2 | Ms | | | | | 552143 | | | | | | | | | | | | | | | | | | | |
| Vδ6.3/2 TCR | 8F4H7B7 | Ms | | | | | | | 555321 | | | | | | 555321 | | | | | | | | | | | |
| Vγ2 TCR | UC3-10A6 | Ms | | | | | 553226 | | | | | | | | | | | | | | | | | | | |
| Vγ3 TCR | 536 | Ms | | | | | 553229 | | | | | | | | | | | | | | | | | | | |



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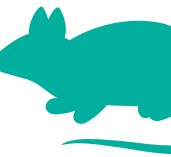


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| | | Emission Max | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | | | | |
| GM-CSF | MP1-22E9 | Ms | | | | | | | 554406 | | | | | | 554406 | | | | | | | | | | | | | | |
| IFN-γ | XMG1.2 | Ms | 560661 | | | | 554411 | 557724 | 554412 | | | | | 560660 | 561040 | 557649 | | 554412 | | | 561040 | 557649 | | 554413 | 557735 | 557998 | | | 554410 |
| IL-1-α | ALF-161 | Ms | | | | | | | 559810 | | | | | | 559810 | | | | | | | | | | | | | | |
| IL-2 | JES6-5H4 | Ms | 560546 | | | | 554427 | 557725 | 561061 | | | | | 560544 | 560538 | 561061 | | 554428 | | | 560538 | | | 554429 | | | 560547 | | 554426 |
| IL-3 | MP2-8F8 | Ms | | | | | | | 554383 | | | | | | 554383 | | | | | | | | | | | | | | |
| IL-4 | 11B11 | Ms | 560701 | | | | | 557728 | 554435 | | | | | 560700 | 560699 | 554435 | | | | 560699 | | | 554436 | 557739 | | | | | |
| | BVD4-1D11 | Ms | | | | | | | 554389 | | | | | | 554389 | | | | | | | | | | | | | | |
| IL-5 | TRFK5 | Ms† | | | | | | | 554395 | | | | | | 554395 | | | | | | | | | 554396 | | | | | |
| IL-6 | MP5-20F3 | Ms | | | | | | | 554401 | | | | | | 554401 | | | | | | | | | | | | | | |
| IL-10 | JES5-16E3 | Ms | | | | | 554466 | | 561060 | | | | | | 561060 | | | | | | | | | 561059 | | | | | 554465 |
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| IL-12 (p40/p70) | C15.6 | Ms | | | | | 560564 | | 554479 | | | | | | 554479 | | | | | | | | | 554480 | | | | | |
| IL-17A | TC11-18H10 | Ms | 560522 | | | | | 560221 | 561020 | | | | | 561020 | 561020 | | | | | | | | | 560224 | 560820 | 560821 | | | |
| | | | | | | | | 560220 | 559502 | | | | | 560666 | 559502 | | | | | | | | | 560184 | | | | | |
| MCP-1 | 2H5 | Ms† | | | | | | | 554443 | | | | | | 554443 | | | | | | | | | | | | | | |
| TNF | MP6-XT22 | Ms | 560655 | | | | 561064 | 557719 | 561063 | | | | | 560659 | 561041 | 561063 | | | | | | | | 561041 | 561062 | 557730 | 558000 | 560658 | |
| | | | | | | | 554418 | 554419 | 554419 | | | | | 557644 | 554419 | 554419 | | | | | | | | 557644 | 554420 | | | | |
| | TN3-19.12 | Ms† | | | | | | | 559503 | | | | | | 559503 | | | | | | | | | | | | | | |



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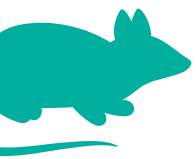


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| AKT (pT308) | J1-223.371 | Ms [†] | | | | | | | 558275 | | | | | | | 558275 | | | | | | | | | | |
| Bcl-2 | 3F11 | Ms | | | | | 554221 | | 556537 | | | | | | | 556537 | | | | | | | | | | |
| BLNK (pY84) | J117-1278 | Ms [†] | | | | | | 558444 | 558442 | | | | | | | 558442 | | | | | 558443 | | | | | |
| BLNK (SLP-65, BASH, BCA) | 2B11 | Ms [†] | | | | | | 558693 | 558688 | | | | | | | 558688 | | | | | 558692 | | | | | |
| BrdU | 3D4 | | 560810 BD | | | | 556028 | | 556029 | | | 560808 | 560809 | | | 556029 | | | | | | | | | | |
| Caspase-3, Active Form (CPP32) | C92-605 | Ms [†] | 560627 BD | | | | 560901 559341 | | 550821 | | | | | | | 550821 | | | | | 560626 BD | | | | 550557 | |
| | Polyclonal | Ms [†] | | | | | | | 557091 | | | | | | | 557091 | | | | | | | | | 557038 | |
| c-Cbl (pY700) | 47/c-Cbl | Ms [†] | | | | | | 558101 | 558087 | | | | | | | 558087 | | | | | 558100 | | | | | |
| Cyclin B1 (a.a 1-21) | GNS-1 | Ms [†] | | | | | 554108 | | 550783 | | | | | | | 550783 | | | | | | | | | | |
| eNOS | 33/eNOS | Ms [†] | | | | | | | 560103 | | | | | | | 560103 | | | | | | | | | 560102 | |
| ERK1/2 (pT202/pY204) | 20A | Ms [†] | | 560314 | | | | 612592 | 612566 | | | | 560115 | 560116 | 612566 | | | 560116 | | | | | | | 612593 | |
| ERK2 | G263-7 | Ms [†] | | | | | | 558525 | 558530 | | | | | | | 558530 | | | | | | | | | 558526 | |
| Flk-1 (VEGF-R2, Ly-73) | Avas 12α1 | Ms | | | | | 560680 | | 561052 555308 | | | | | 560681 | | 561052 555308 | | | | | 560070 | | 560640 | | | |
| Foxp3 | MF23 | Ms | | | | | | 560407 560403 | 560414 560408 | | | | | | | 560414 560408 | | | | | | | | | 560402 560401 | |
| GATA4 | L97-56 | Ms [†] | | | | | | 560330 | 560328 | | | | | | | 560328 | | | | | | | | | 560400 | |
| Histone H3 (pS28) | HTA28 | Ms [†] | 560606 BD | | | | | | | | | | | | | | | | | | | | | | 558217 | |
| Ki-67 | B56 | Ms [†] | 561281 BD | | | | 556026 | | 556027 | | | | | 561284 BD | | 556027 | | | | | | | | | 561126 BD | 561277 BD |
| Lck | MOL 171 | Ms [†] | | | | | | 558504 | 558496 | | | | | | | 558496 | | | | | | | | | 558505 | |
| MEK1 | 25/MEK1 | Ms [†] | | | | | | | 560099 | | | | | | | 560099 | | | | | | | | | 560101 | |
| Nanog | M55-312 | Ms | | | | | | 560278 | 560277 | | | | | | | 560277 | | | | | | | | | 560279 | |
| Nestin | 25/NESTIN | Ms [†] | | | | | | | | | | | | | | | | | | | | | | | 560393 | |
| Notch1 | mN1A | Ms [†] | | | | | | | 552768 | | | | | | | 552768 | | | | | | | | | | |
| Oct3/4 | 40/Oct-3 | Ms [†] | | | | | | 560253 | 560186 | | | | | | | 560186 | | | | | | | | | 560329 | |



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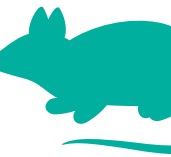


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| p38 MAPK (pT180/pY182) | 36/p38 (pT180/pY182) | Ms [†] | | 560313 | | | | 612594 | 612565 | | | | | 560406 | 560241 | 612565 | | | | | | | | | | | | | | | | | | | | | | | |
| p53 | G59-12 | Ms [†] | | | | | 557026 | | 557027 | | | | | | | 557027 | | | | | | | | | | | | | | | | | | | | | | | |
| PARP, Cleaved Form (Asp 214) | F21-852 | Ms [†] | | | | | 558576 | | 552933 | | | | | | | 552933 | | | | | | | | | | | | | | | | | | | | | | | |
| Phosphotyrosine | PY20 | Ms [†] | | | | | | | 558008 | | | | | | | 558008 | | | | | | | | | | | | | | | | | | | | | | | |
| PKCα(pT497) | K14-984 | Ms [†] | | | | | | 560139 | 560141 | | | | | | | 560141 | | | | | | | | | | | | | | | | | | | | | | | |
| PLC-γ2 | K86-1161 | Ms [†] | | | | | | 560135 | 560134 | | | | | | | 560134 | | | | | | | | | | | | | | | | | | | | | | | |
| Rb (a.a. 332-344) | G3-245 | Ms [†] | | | | | 556538 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rb, underphosphorylated (a.a. 514-610) | G99-549 | Ms [†] | | | | | 550501 | | 550502 | | | | | | | 550502 | | | | | | | | | | | | | | | | | | | | | | | |
| S6 (pS244) | N5-676 | Ms [†] | | | | | | | 560462 | | | | | | | 560462 | | | | | | | | | | | | | | | | | | | | | | | |
| Sox2 | 245610 | Ms [†] | | | | | | 560301 | 560291 | | | | | | | 560291 | | | | | | | | | | | | | | | | | | | | | | | |
| Stat1 (pY701) | 14/P-STAT1 | Ms [†] | | 560310 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4a | Ms [†] | | | | | | 612596 | 612564 | | | | | | 560113 | 612564 | | | | | | | | | | | | | | | | | | | | | | | |
| Stat3 (pY705) | 4/P-STAT3 | Ms [†] | | 560312 | | | | 557814 | 612569 | | | | | | 560114 | 612569 | | | | | | | | | | | | | | | | | | | | | | | |
| Stat4 (pY693) | 38/p-Stat4 | Ms [†] | | | | | | 558136 | 558249 | | | | | | | 558249 | | | | | | | | | | | | | | | | | | | | | | | |
| Stat5 (pY694) | 47 | Ms [†] | | 560311 | | | | 612598 | 612567 | | | | | | 560118 | 560117 | 612567 | | | | | | | | | | 560117 | | | | | | | | | | | | |
| Stat6 (pY641) | J71-773 .58.11 | Ms | | | | | | 558243 | 558252 | | | | | | | 558252 | | | | | | | | | | | | | | | | | | | | | | | |
| Syk (pY348) | I120-722 | Ms [†] | | | | | | 560081 | 558529 | | | | | | | 558529 | | | | | | | | | | | | | | | | | | | | | | | |
| T-Bet | O4-46 | Ms [†] | | | | | | 561266 | 561268 | | | | | | | 561268 | | | | | | | | | | | | | | | | | | | | | | | |
| | 4B10 | Ms [†] | | | | | | | 561265 | | | | | | | 561265 | | | | | | | | | | | | | | | | | | | | | | | |
| Zap-70 (pY319)/Syk (pY352) | 17a/P-ZAP70 | Ms [†] | | | | | | 557818 | 557881 | | | | | | | 557881 | | | | | | | | | | | | | | | | | | | | | | | |



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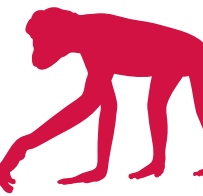
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| | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | |
| Annexin V | - | - | 560506 | | | | 560931 566420 556419 | | 560930 556422 556421 | | | | | | 560930 556422 556421 | | | | 561012 550475 550474 | | | | | 556418 556417 | |
| CD2 | RPA-2.10 | NHP | | | | | 556608 | | 555327† | | | | | | 555327† | | | | 560642† | | | | | | 555325† |
| CD3 | SP34 | NHP | | | | | 556611 | | 556612 | | | | | | 556612 | | | | | | | | | | |
| | SP34-2 | NHP | 560352 560351 | 558124 | | 560772 560770 | | 557705 | 552127 | | | 552851 | 552852 | 557749 | 552127 | | | 557749 | 557597 | | 557917 | 557757 | | | |
| CD4 | L200 | NHP | 560811 BD | | | | 550628 | | 550630 | | | 550631 | 552838 | 560644† BD | 550630 | | | 560644† BD | 551980 | | 560836 | | 560837 | | |
| | M-T477 | NHP | | | | | 556615 | | 556616 | | | | | | 556616 | | | | | | | | | | |
| CD6 | M-T605 | NHP | | | | | 555357† | | 555358† | | | | | | 555358† | | | | | | | | | | |
| CD7 | M-T701 | NHP | 642916** | | | | 340737** 555360† | | 340581** 555361† | | | 555362† | | | 340581** 555361† | | | 555362† | | | | | | | |
| CD8 | RPA-T8 | NHP | 560348 560347† | 558207† | | 560775 560774† | 557085 | 557704 | 557086 | | | 551131† | | 560662† | 557750 | 557086 | | 555368† | 557750 | 555369† | 557708† | 561026† 557945† | 557760 | | 555365† |
| CD9 | M-L13 | NHP | | | | | 341646* 555371† | | 341647* 555372† | | | | 341649** | | 341647** 555372† | | | | | 341648** | | | | | |
| CD10 | HI10a | NHP | | | | | 340925** | | 557143 | | | 555376† | | | 341092** | 557143 | | 555376† | 341092** | 340923** | | | | | |
| CD11a (LFA-1) | HI111 | NHP | | | | | 555383† | | 550851 | | | 551131† | | | 550851 | | | | | 550852 | | | | | |
| CD11b/Mac-1 (CR3) | ICRF44 | NHP | 560481 560480† | 558123† | | | | 557701† | 557321 | | | 555389† | | 557743† | 557321 | | 555389† | 557743† | 561015† 550019† | | 557918 | 560914† 557754† | | | 555387 |
| CD11c (ITGAX, CD11C Integrin α _x chain) | S-HCL-3 | NHP | | | | | | | 347637** | | | | | | 347637** | | | | | 340544** | | | | | |
| CD14 | M5E2 | NHP | | 558121† | | | 557153 | 557700† | 557154 | | | | | 561116† 550787† | 560919† 557742† | 557154 | | | 560919† 557742† | 555399† | | 561029† 557923† | | | |
| CD16 | 3G8 | NHP | 560475† 560474† | 558122† | | | 556618 | | 556619 | | | 555408† | | 560717† | 560716 BD | 556619 | 555408† | | 560716 BD | 561248 | 557710† | 557920† | 557758† | 560715 BD | 554405† |
| CD18 (Integrin β2 chain, CR3/CR4) | 6.7 | NHP | | | | | 557156 | | 555924† | | | 557528† | | | | 555924† | | 557528† | | 551060† | | | | | |

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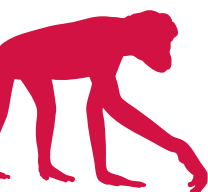


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BD Multicolor Antibody Reagents Catalog **Non-Human Primate** Antibody Reagents

| Surface Markers | | | Violet Laser (405 nm) | | | | Blue Laser (488 nm) | | | | | | | Green Laser (532 nm) / Yellow-Green Laser (561 nm) | | | | Red Laser (640 nm) | | | | | Biotin | | |
|------------------------------|-----------|------------|-----------------------|---------------|--------|--------------------|---------------------|------------------|-------------------|---------------|---------|--------|---------------|--|-------------------|---------------|---------|--------------------|--------------------|------------------|------------------|---------|--------------------|--------------|---------|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | 5 | | 1 | 2 | 3 | 4 | 1 | | | 2 | |
| Product Name | Clone | Reactivity | Emission Max | | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | 785 nm | 785 nm |
| | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | |
| CD20 | 2H7 | NHP | | | | | 556632 | | 556633 | | 555624* | | 560736* | 560735* | 556633 | | 555624* | 560735* | 560900* 559776* | | 560631* | | 560853 | | |
| CD21 (CR2) | B-ly4 | NHP | | | | | | | 555422* | | 551064* | | | | 555422* | | 551064* | | 559867* | | | | | | |
| CD25 (IL-2 Receptor α chain) | M-A251 | NHP | 560356* 560355* | | | | 555431* | | 557138 | | 555433* | | 560503* | 560920* 557741* | 557138 | | 555433* | 560920* 557741* | 555434* | | | 557753* | 560244* 560225* | | |
| CD27 | M-T271 | NHP | 560458 560448* | | | 561223* 561222* | 557329 | | 557330 | | | | 560612* | 560609* | 557330 | | | 560609* | 558664* | | 560611* | | 560223 560222* | | |
| CD28 | CD28.2 | NHP | | | | | 556621 | | 556622 | | 555730* | | 560685 BD | 560684* | 556622 | | 555730* | 560684* | 560683 BD | | | | | | 555727* |
| CD29 | MAR4 | NHP | | | | | | | 557332 | | 559882* | | | | 557332 | | 559882* | | 559883* | | | | | | |
| CD30 (Ki-1) | BerH8 | NHP | | | | | 555829* | | 550041* | | | | | | 550041* | | | | | | | | | | 555828* |
| CD31 (PECAM-1) | WM59 | NHP | | | | | 557508 | | 560983 555446* | | | | | | 560983 555446* | | | | | | | | | | |
| CD32 (FcγRII) | FLI8.26 | NHP | | | | | 555448* | | 550586* | | | | | | 550586* | | | | | 559769* | | | | | |
| CD34 | 563 | NHP | | | | | | | 550619 | | | | | | 550619 | | | | | | | | | | |
| CD35 (CR1) | E11 | NHP | | | | | 555452* | | 559872* | | | | | | 559872* | | | | | | | | | | |
| CD39 (ENTPD1, NTPDase) | TÜ66 | NHP | | | | | | | 555464* | | | | | | 555464* | | | | | 560239* | | | | | |
| CD40 | 5C3 | NHP | | | | | 556624 | | 558835 | | 555590* | | 561211* BD | | 558835 | | 555590* | 561215* BD | 555591* | | 561208* BD | | 561211* BD | | |
| CD41a | HIP8 | NHP | | | | | 557296 | | 557297 | | 559768* | | 340931 | | 557297 | | 559768* | | 559777* | | | | | | |
| CD41b | HIP2 | NHP | | | | | 555469* | | | | | | | | | | | | | | | | | | |
| CD42a | ALMA.16 | NHP | | | | | 558818* | | 558819* | | | | | | 558819* | | | | | | | | | | |
| CD45 | TÜ116 | NHP | | | | | | | 557059 | | 557075 | 557513 | 552724 | | 557059 | | 557075 | | | | | | | | |
| CD45 (Pan Leucocyte) | DO58-1283 | NHP | | | | | 557803 | | 552833 | | | 558411 | | | 552833 | | | | | | | 558219 | | | |
| CD45RA | 5H9 | NHP | 561220 BD | | | | 556626 | | 556627 | | 552888 | | | 561216 BD | 556627 | | 552888 | 561216 BD | 561210 | | | | | 561212 BD | |
| CD47 (IAP) | B6H12 | NHP | | | | | 556045* | | 556046* | | | | | | 556046* | | | | | | | | | | |

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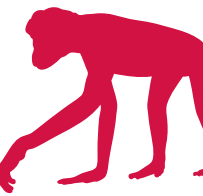


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|---------------------------------------|--------------|------------|-----------------------|---------------|--------|------------------|---------------------|------------------|---------------------|---------------|---------|---------|-------------|--|--------------------|--------------------|---------|--------------------|---------------|-------------------|---------------------|---------------|--------------------|---------------|---------------|---------|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | | 4 | | 5 | | 1 | | 2 | | 3 | | | | |
| Product Name | Clone | Reactivity | Emission Max | | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | 785 nm | 785 nm | |
| | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | |
| CD49b (Integrin α ₂ chain) | 12F1 | NHP | | | | | | | 555669* | | | | | | | 555669* | | | | | | | | | | |
| | AK-7 | NHP | | | | | 555498* | | | | | | | | | | | | | | | | | | | |
| CD49d (Integrin α ₄ chain) | 9F10 | NHP | | | | | 560840* | | 556635 | | | 559880* | | | 556635 | | 559880* | | 559881* | | | | | | | |
| CD49f (Integrin α ₆ chain) | GoH3 | NHP | | | | | 555735* | | 555736* | | | 551129* | | | 555736* | | 551129* | | | | | | | | | |
| CD56 | MY31 | NHP | | | | | | | 556647 | | | | | | 556647 | | | | | | | | | | | |
| | B159 | NHP | 560361* 560360* | | | | | 557699* | 555516* | | 555517* | | 560842* | 560916* 557747* | 555516* | | 555517* | 560916* 557747* | 555518* | 557711* | 557919* | | | | 555515* | |
| CD58 (LFA-3) | 1C3 | NHP | | | | | 555920* | | 555921* | | | 551399* | | | 555921* | | 551399* | | | | | | | | | |
| CD59 | p282 (H19) | NHP | | | | | 560954* 555763* | | 557141 | | | | | | 557141 | | | | | | | | | | | |
| CD61 (Integrin β ₃) | VI-PL2 | NHP | | | | | 557291 | | 555754* | | | | | | 555754* | | | | | | | | | | | |
| CD62P (P-selectin) | AC1.2 | NHP | | | | | 550866 | | 550561 | | | | | | 550561 | | | | | | | | | | | |
| CD63 | H5C6 | NHP | | | | | 550759 | | 557305 | | | | | | 557305 | | | | | | | | | | | |
| CD64 | 10.1 | NHP | 561202* | | | | 555527* | | 558592* | | | | | 561194* BD | 561191* BD | 558592* | | | 561191* BD | 561189* | | 561188* BD | | 561190* BD | 555526* | |
| CD69 | FN50 | NHP | 560740* | | | | 557049 | | 557050 | | | 555532* | | 560738* BD | 560712* BD | 557050 | | 555532* | 560712* BD | 560711* BD | | 560739* | 560912* 557756* | 560737* BD | | |
| CD70 | Ki-24 | NHP | | | | | 555834* | | 555835* | | | | | | 555835* | | | | | | | | | | | |
| CD79a (lg, mb-1) | HM47 | NHP | | | | | | | 340579** 555935* | | | | | 341643** | | 340579* 555935* | | | | | 340578** 551134* | | | | | |
| CD80 (B7-1) | L307.4 | NHP | 560444* 560442* | | | | 560926* 557226* | | 560295* 557227* | | | 559370* | | 561135* | 560295* 557227* | | 559370* | 561135* | | | | | 561133* BD | | 561134* BD | 557225* |
| CD81 (TAPA-1) | JS-81 | NHP | | | | | 551108* | | 555676* | | | | | | 555676* | | | | | | 551112* | | | | | |
| CD83 | HB15e | NHP | | | | | 560553* BD | | 550634 | | | 551058* | | | 561132* BD | 550634 | | 551058* | 561132* BD | 551073* | | | | | | |
| CD86 (B7-2) | 2331 (FUN-1) | NHP | 560359 560357* | | | | 557343 | | 557344 | | | 555659* | | 561129* BD | 561128* BD | 557344 | | 555659* | 561128* BD | 560956 555660* | | 561124* BD | | | 555656* | |
| CD89 | A59 | NHP | | | | | | | 555686* | | | | | | 555686* | | | | | | | | | | | |

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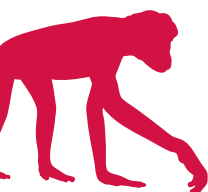


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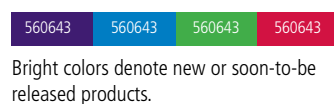
| Surface Markers | | | Violet Laser (405 nm) | | | | Blue Laser (488 nm) | | | | | | | Green Laser (532 nm) / Yellow-Green Laser (561 nm) | | | | Red Laser (640 nm) | | | | | Biotin | | |
|-------------------------------|-----------|------------|------------------------|---------------|--------|------------------|---------------------|------------------|--|--------------------------------------|---------------------|--------|--|--|--|---------------|--------------------------------------|---------------------------|--------------------------------------|---------------------|------------------|---------|-----------|---------------------|---------------------|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | 4 | | 5 | 1 | 2 | 3 | 4 | 1 | | 2 | 3 | | | |
| Product Name | Clone | Reactivity | Emission Max 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | 785 nm | 785 nm | | |
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| CD90 (Thy-1) | 5E10 | NHP | | | | | 555595 [‡] | | 555596 [‡] | | 555597 [‡] | | | | 555596 [‡] | | 555597 [‡] | | 559869 [‡] | | | | | 555594 [‡] | |
| CD95 (Fas/APO-1) | DX2 | NHP | | | | | 556640 | | 556641 | | 559773 [‡] | | | | 556641 | | 559773 [‡] | | 558814 [‡] | | | | | 555672 [‡] | |
| CD98 | UM7F8 | NHP | | | | | 556076 [‡] | | 556077 [‡] | | | | | | 556077 [‡] | | | | | | | | | | |
| CD122 (IL-2 Receptor β chain) | Mikβ2 | NHP | | | | | | | 557323 | | | | | | 557323 | | | | | | | | | | |
| CD123 (IL-3 Receptor α chain) | 7G3 | NHP | | | | | 558663 [‡] | | 561058[‡] 554529 [‡] | | | | 560904[‡] 558714 [‡] | 560826[‡] | 561058[‡] 554529 [‡] | | 560826[‡] | | 560087 [‡] | | | | | | 554528 [‡] |
| CD130 (gp130) | AM64 | NHP | | | | | | | 555757 [‡] | | | | | | 555757 [‡] | | | | | | | | | | |
| CD132 (common γ chain) | AG184 | NHP | | | | | | | 555900 [‡] | | | | | | 555900 [‡] | | | | | | | | | | |
| CD137 (4-1BB) | 4B4-1 | NHP | | | | | | | 555956 [‡] | | 551137 [‡] | | | | 555956 [‡] | | 551137 [‡] | | 550890 [‡] | | | | | | |
| CD141 (Thrombomodulin) | 1A4 | NHP | | | | | | | 559781 [‡] | | | | | | 559781 [‡] | | | | | | | | | | |
| CD150 | A12 | NHP | | | | | | | 559592 [‡] | | | | | | 559592 [‡] | | | | | | | | | | |
| CD151 (PETA-3) | 14A2.H1 | NHP | | | | | | | 556057 [‡] | | | | | | 556057 [‡] | | | | | | | | | | |
| CD152 (CTLA-4) | BNI3 | NHP | | | | | | | 557301 | | | | | | 557301 | | | | 560938 555855 [‡] | | | | | | |
| CD154 (CD40 Ligand) | TRAP1 | NHP | | | | | 558988 | | 557299 | | 555701 [‡] | | | | 557299 | | 555701 [‡] | | 560955 555702 [‡] | | | | | | |
| CD162 (PSGL-1) | KPL-1 | NHP | | | | | | | 556055 [‡] | | | | | | 556055 [‡] | | | | | | | | | | |
| CD166 | 3A6 | NHP | | | | | | | 560903[‡] 559263 [‡] | | | | | | 560903[‡] 559263 [‡] | | | | | | | | | | |
| CD183 (CXCR3) | 1C6/CXCR3 | NHP | | | | | 558047 | 550633 | | 551128 [‡] | | | 560832[‡] | 560831[‡] | 550633 | | 551128 [‡] | 560831[‡] | 550967 [‡] | | | | | | |
| CD184 (CXCR4, Fusin) | 12G5 | NHP | | | | | | 557145 | | 560937 555975 [‡] | | | 560670 BD | 560669[‡] | 557145 | | 560937 555975 [‡] | 560669[‡] | 560936 555976 [‡] | | | | | | |
| CD195 (CCR5) | 3A9 | NHP | | | | | | 550632 | | | | | 560635 [‡] | | 550632 | | | | 560748 BD | | | | | | |
| CD196 (CCR6) | 11A9 | NHP | | | | | | 551773 | | | | | 560621 BD | 560620[‡] | 551773 | | | 560620[‡] | 560619[‡] | 560466 [‡] | | | | | |
| HLA-A,B,C | G46-2.6 | NHP | | | | | 557348 | | 557349 | | 555554 [‡] | | | | 557349 | | 555554 [‡] | | 555555 [‡] | | | | | | |

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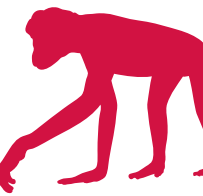
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|-----------------|--------------|------------|-----------------------|---------------|--------|---------------------------|---------------------------|------------------|---------------------------|---------------|---------|-------------------|----------------|----------------|--|---------------|---------|----------------|---------------------|------------------|------------------|----------|-----------|--------|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | 5 | | 1 | 2 | 3 | 4 | 1 | | 2 | |
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| HLA-DQ | TÜ169 | NHP | | | | | 555563† | | | | | | | | | | | | | | | | | |
| HLA-DR | TÜ36 | NHP | | | | | 555560† | | 555561† | | 551375† | | | | 555561† | | 551375† | | 559868† | | | | | |
| | L243 (G46-6) | NHP | 642276** | | | 561225† 561224† | 560944† 555811† | | 560943† 555812† | | 555813† | 347364** | 560652† | 560651† | 560943† 555812† | | 555813† | 560651† | 560744 BD | | 560743† | 335796** | 641393** | |
| HLA-DR, DP, DQ | TÜ39 | NHP | 555558† | | | | 550853 | | | | | | | | | | | | | | | | | |
| Streptavidin | – | – | 560797 | | | | 554060 | | 554061 349023* | 551487 | 554062 | 554064 340130* | 551419 | 557598 | 554061 349023* | 551487 | 554062 | 557598 | 554067 349024* | | | | 554063 | |

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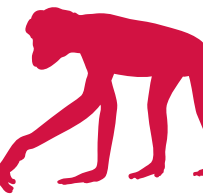


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| Intracellular Cytokines and Chemokines | | | Violet Laser (405 nm) | | | | Blue Laser (488 nm) | | | | | | | Green Laser (532 nm) / Yellow-Green Laser (561 nm) | | | | Red Laser (640 nm) | | | | | Biotin | | |
|---|-----------|------------|----------------------------|------------------|---------------|--------|---------------------|---------|------------------|---------------------|---------------|--------|--------|--|---------------------|----------------------------|--------------------------|--------------------|--------|----------------------------|--------------------------|---------------------|----------------------------|--------------------------|---|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | | 5 | 1 | 2 | 3 | 4 | 1 | | | 2 | 3 |
| Product Name | Clone | Reactivity | Emission Max | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | 785 nm | 785 nm | |
| | | | | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | |
| IFN-γ | 4S.B3 | NHP | | | | | | 552882 | | 557074 | | | | | 560742 BD | | 560741 BD | 557074 | | | | 560741 BD | 551385 | | |
| | B27 | NHP | 560372 † 560371† | | | | | 552887 | | 554701 559327† | | | | 560704† | | 560924 † 557643† | 554701 559327† | | | 560924 † 557643† | 554702† | 557729† | 561024 † 557995† | | |
| IL-2 | MQ1-17H12 | NHP | | | | | | 559361 | | 560709 BD | | | | 560708 † | | 560707 † BD | 560709 BD | | | 560707 † BD | 551383 | | | | |
| IL-4 | 8D4-8 | NHP | | | | | | | 557990† | 551774 | | | | | | 560672 † | 551774 | | | 560672 † | 560671 † | | | | |
| IL-6 | MQ2-6A3 | NHP | | | | | | 554544† | | 551473 | | | | | | | 551473 | | | | | | | | |
| MCP-1 (monocyte chemoattractant protein 1) | 5D3-F7 | NHP | | | | | | | | 557066 | | | | | | | 557066 | | | | | | | | |
| MIP-1α (macrophage inflammatory protein-1α) | 11A3 | NHP | | | | | | | | 554730† | | | | | | | 554730† | | | | 551533 | | | | |
| TNF | MAB11 | NHP | | | | | | 554512† | 557722† | 554513 559321† | | | | | 560679 † | | 560923 557647† | 554513 559321† | | | 560923 557647† | 551384 | | 561023 557996† | |

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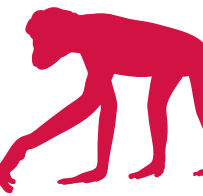
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* RUO (GMP) status reagents

† Symbol denotes that the product is routinely tested on human samples and may need to be titrated to an optimal concentration for NHP samples.

Bold catalog numbers denote that the product is a small size (25–30 tests or 25 µg)



| Intracellular Cell-Signaling and Transcription Factors | | | Violet Laser (405 nm) | | | | Blue Laser (488 nm) | | | | | | | | Green Laser (532 nm) / Yellow-Green Laser (561 nm) | | | | Red Laser (640 nm) | | | | | Biotin | | |
|--|----------------|------------|--|---------------|--------|------------------|---------------------|------------------|--|---------------|--------|--------|-------------|--------|--|---------------|--------|--------|--------------------|------------------|---------------------|---------|-----------|--------|--------|--------|
| | | | 1 | | 2 | | 1 | | 2 | | 3 | | 4 | | | 5 | 1 | 2 | 3 | 4 | 1 | | 2 | | 3 | |
| | | | Emission Max | | 448 nm | 452 nm | 491 nm | 500 nm | 519 nm | 519 nm | 578 nm | 615 nm | 667 nm | 678 nm | 695 nm | 785 nm | 578 nm | 615 nm | 667 nm | 785 nm | 660 nm | 668 nm | 719 nm | | 785 nm | 785 nm |
| Product Name | Clone | Reactivity | BD Horizon™ V450 | Pacific Blue™ | AmCyan | BD Horizon™ V500 | FITC | Alexa Fluor® 488 | PE | PE-Texas Red® | PE-Cy5 | PerCP | PerCP-Cy5.5 | PE-Cy7 | PE | PE-Texas Red® | PE-Cy5 | PE-Cy7 | APC | Alexa Fluor® 647 | Alexa Fluor® 700 | APC-Cy7 | BD APC-H7 | | | |
| FoxP3 (Scurfin, IPEX, JM2) | 259D/C7 | NHP | 560460[‡] 560459[‡] | | | | 560047 [‡] | | 560082[‡] 560046[‡] | | | | | | 560082[‡] 560046[‡] | | | | | | 560045 [‡] | | | | | |
| p53 | DO-7 | NHP | | | | | 554298 | | 556534 | | | | | | 556534 | | | | | | | | | | | |
| Rb (a.a. 332-344) | G3-245 | NHP | | | | | 556538 | | | | | | | | | | | | | | | | | | | |

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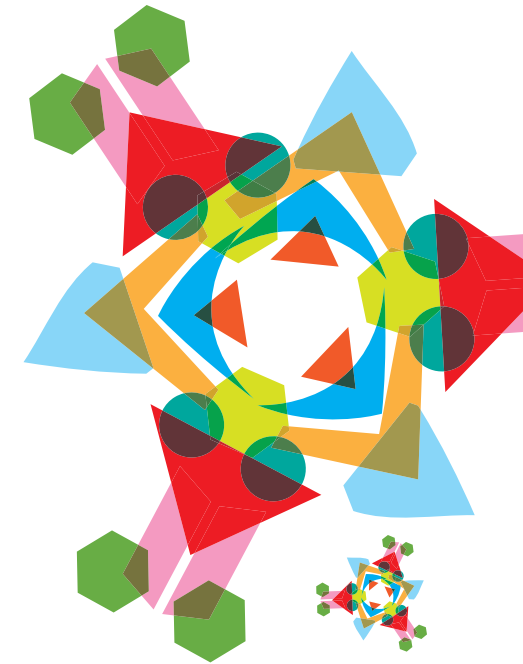
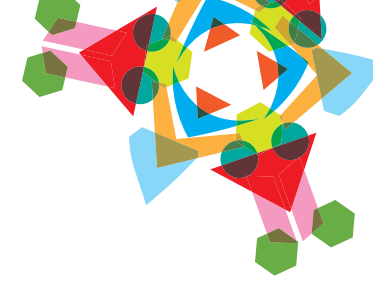
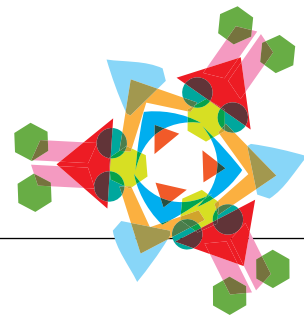
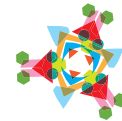
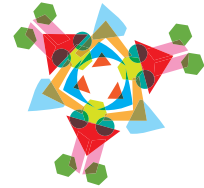
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APC-Cy7: US patent 5,714,386

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