

APC anti-human CD15 (SSEA-1) Antibody

Catalog# / Size	323007 / 25 tests 323008 / 100 tests
Clone	W6D3
Regulatory Status	RUO
Workshop	HCDM listed
Other Names	Lewis X, 3-FAL, 3-FL, LNFP III, Lex , SSEA-1, X-hapten
Isotype	Mouse IgG1, κ
Description	CD15 is 3-fucosyl-N-acetylglucosamine (3-FAL) also known as Lewis X, 3-FAL, X-hapten, and SSEA-1. CD15 is expressed on granulocytes and monocytes. It has also been shown to be expressed on Langerhans cells. CD15 has been implicated in adhesion as well as chemotaxis, phagocytosis, and bactericidal activity.

Product Details

Verified Reactivity	Human
Antibody Type	Monoclonal
Host Species	Mouse
Immunogen	WERI-RB-1 retinoblastoma cell line
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA)
Preparation	The antibody was purified by affinity chromatography, and conjugated with APC under optimal conditions.
Concentration	Lot-specific (to obtain lot-specific concentration, please enter the lot number in our Concentration and Expiration Lookup or Certificate of Analysis online tools.)
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis . For flow cytometric staining, the suggested use of this reagent is 5 µl per million cells in 100 µl staining volume or 5 µl per 100 µl of whole blood.
Excitation Laser	Red Laser (633 nm)
Product Citations	<ol style="list-style-type: none">1. Takano T, <i>et al.</i> 2022. Cell Rep Med. 3:100631. PubMed2. Nagamatsu G, <i>et al.</i> 2012. Biol Reprod. 86:182. PubMed3. Anderson AE, <i>et al.</i> 2022. NPJ Regen Med. 7:6. PubMed4. Takano T, <i>et al.</i> 2021. Int Immunol. 33:241. PubMed
RRID	AB_756013 (BioLegend Cat. No. 323007) AB_756014 (BioLegend Cat. No. 323008)

Antigen Details

Structure	Poly-N-acetylglucosamine
Distribution	Neutrophils, eosinophils, monocytes
Function	Adhesion

Cell Type	Embryonic Stem Cells, Eosinophils, Neutrophils
Biology Area	Cell Biology, Immunology, Neuroscience, Neuroscience Cell Markers, Stem Cells
Molecular Family	CD Molecules
Antigen References	1. Stocks SC, <i>et al.</i> 1990. <i>Biochem. J.</i> 268:275.
Gene ID	2526

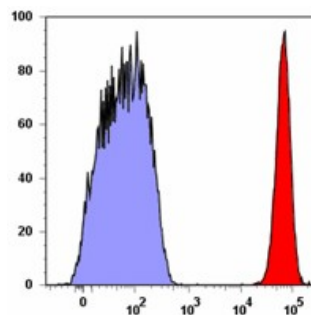
Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

Brilliant Violet 785™ anti-human CD15 (SSEA-1), Purified anti-human CD15 (SSEA-1), FITC anti-human CD15 (SSEA-1), PE anti-human CD15 (SSEA-1), APC anti-human CD15 (SSEA-1), Alexa Fluor® 488 anti-human CD15 (SSEA-1), Alexa Fluor® 647 anti-human CD15 (SSEA-1), PE/Cyanine5 anti-human CD15 (SSEA-1), PerCP anti-human CD15 (SSEA-1), PerCP/Cyanine5.5 anti-human CD15 (SSEA-1), Pacific Blue™ anti-human CD15 (SSEA-1), Alexa Fluor® 700 anti-human CD15 (SSEA-1), Brilliant Violet 510™ anti-human CD15 (SSEA-1), PE/Cyanine7 anti-human CD15 (SSEA-1), Brilliant Violet 605™ anti-human CD15 (SSEA-1), Brilliant Violet 650™ anti-human CD15 (SSEA-1), Purified anti-human CD15 (SSEA-1) (Maxpar® Ready), PE/Dazzle™ 594 anti-human CD15 (SSEA-1), Brilliant Violet 421™ anti-human CD15 (SSEA-1), APC/Fire™ 750 anti-human CD15 (SSEA-1), TotalSeq™-A0392 anti-human CD15 (SSEA-1), Brilliant Violet 711™ anti-human CD15 (SSEA-1), APC/Cyanine7 anti-human CD15 (SSEA-1), TotalSeq™-B0392 anti-human CD15 (SSEA-1), TotalSeq™-C0392 anti-human CD15 (SSEA-1), APC/Fire™ 810 anti-human CD15 (SSEA-1) Antibody, TotalSeq™-D0392 anti-human CD15 (SSEA-1), GMP FITC anti-human CD15 (SSEA-1), Spark YG™ 593 anti-human CD15 (SSEA-1), GMP PE anti-human CD15 (SSEA-1), GMP Pacific Blue™ anti-human CD15 (SSEA-1)

Product Data



Human peripheral blood granulocytes stained with W6D3 APC

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