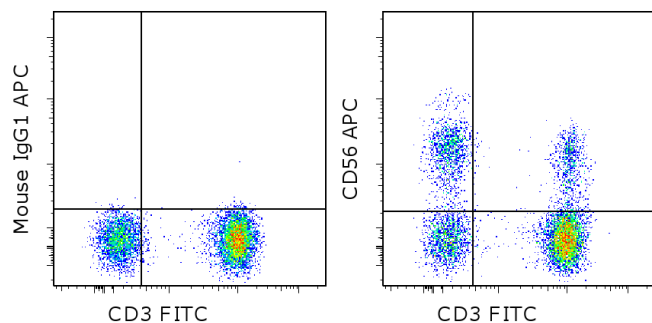


Anti-Human CD56 (NCAM) APC

Catalog Number: 17-0567

Also known as: Neural cell adhesion molecule

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with Anti-Human CD3 FITC (cat. 11-0037) and Mouse IgG1 K Isotype Control APC (cat. 17-4714) (left) or Anti-Human CD56 (NCAM) APC (right). Cells in the lymphocyte gate were used for analysis.

Product Information



Contents: Anti-Human CD56 (NCAM) APC

Catalog Number: 17-0567

Clone: CMSSB

Concentration: 5 μ L (0.125 μ g)/test

Host/Isotype: Mouse IgG1, kappa



Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light-sensitive material.



Batch Code: Refer to vial



Use By: Refer to vial



Contains sodium azide

Description

This CMSSB monoclonal antibody reacts with human CD56, also known as Neural Cell Adhesion Molecule (NCAM). CD56 is a highly glycosylated transmembrane molecule expressed by neurons and plays a role in the homotypic adhesion of neural cells. In the hematopoietic system, CD56 is expressed on NK cells and a subset of T cells referred to as NKT cells. Staining with CMSSB does not block binding of MEM188 or CB56.

Applications Reported

This CMSSB antibody has been reported for use in flow cytometric analysis.

Applications Tested

This CMSSB antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 μ L (0.125 μ g) per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

Sonnenberg GF, Monticelli LA, Alenghat T, Fung TC, Hutnick NA, Kunisawa J, Shibata N, Grunberg S, Sinha R, Zahm AM, Tardif MR, Sathaliyawala T, Kubota M, Farber DL, Collman RG, Shaked A, Fouser LA, Weiner DB, Tessier PA, Friedman JR, Kiyono H, Bushman FD, Chang KM, Artis D. Innate lymphoid cells promote anatomical containment of lymphoid-resident commensal bacteria. *Science*. 2012 Jun 8;336(6086):1321-5. (CMSSB, FC, PubMed)

Hayakawa Y, Huntington ND, Nutt SL, Smyth MJ. Functional subsets of mouse natural killer cells. *Immunol Rev*. 2006 Dec;214:47-55.

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Related Products

11-0037 Anti-Human CD3 FITC (OKT3)

17-4714 Mouse IgG1 K Isotype Control APC (P3.6.2.8.1)

46-0087 Anti-Human CD8a PerCP-eFluor® 710 (SK1 (SK-1))

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