full spectrum cell analysis®
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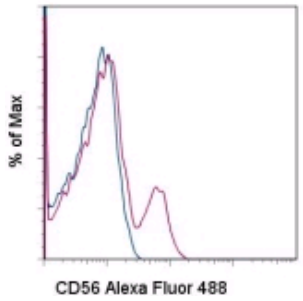
Anti-Human CD56 (NCAM) Alexa Fluor® 488

Catalog Number: 53-0568
Also Known As:NCAM, Neural cell adhesion molecule
RUO: For Research Use Only



Staining of normal human peripheral blood cells with Mouse IgG1 κ Isotype Control Alexa Fluor® 488 (cat. 53-4714) (blue histogram) or Anti-Human CD56 (NCAM) Alexa Fluor® 488 (purple histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD56 (NCAM) Alexa Fluor® 488
REF Catalog Number: 53-0568
Clone: CB56
Concentration: 5 µl (1 µg)/test
Host/Isotype: Mouse IgG1

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.
LOT Batch Code: Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

Description

The CB56 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 NKT cells.

Applications Reported

This CB56 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This CB56 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood cells. This can be used at 5 µl (1 µg)/per test. A test is defined as the amount (µg)/test of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

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

Kishimoto, T., A.E.G., von dem Borne, et al. eds. 1998. Leucocyte Typing VI: White Cell Differentiation Antigens. Garland Publishing, Inc. London.

Related Products

53-4714 Mouse IgG1 K Isotype Control Alexa Fluor® 488

Legal

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