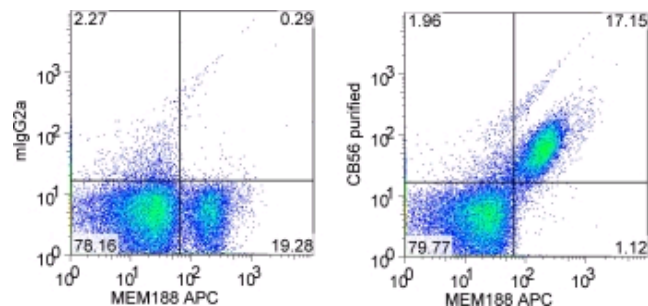


## Anti-Human CD56 (NCAM) Purified ( See Replacement Clone: CMSSB cat 14-0567)

Catalog Number: 14-0568

Also Known As: NCAM, Neural cell adhesion molecule

RUO: For Research Use Only



Staining of normal human peripheral blood lymphocytes with 1 µg Mouse IgG1 κ Isotype Control Purified (cat.14-4714) (left) or 1 µg Anti-Human CD56 (NCAM) Purified (right) followed by F(ab')<sub>2</sub> Anti-Mouse IgG PE (cat.12-4012) and subsequently with different clone of Anti-Human CD56 (NCAM) APC (MEM188).

### Product Information

Contents: Anti-Human CD56 (NCAM) Purified ( See Replacement Clone: CMSSB cat 14-0567)

**REF** Catalog Number: 14-0568

Clone: CB56

Concentration: 0.5 mg/ml


Host/Isotype: Mouse IgG1

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

 Temperature Limitation: Store at 2-8°C.

**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 tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) 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<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### 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

12-4012 F(ab')<sub>2</sub> Anti-Mouse IgG PE (polyclonal)

14-4714 Mouse IgG1 K Isotype Control Purified

17-0569 Anti-Human CD56 (NCAM) APC (MEM188 (MEM-188))

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