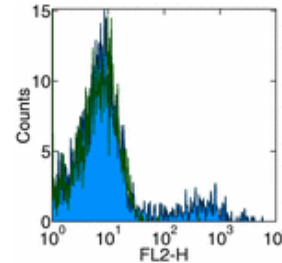


Product Information

Contents: Affinity Purified anti-human CD56 (N-CAM, NCAM)
Catalog Number: 14-0569
Sizes: 25 ug, 100 ug
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃
Storage Conditions: Store at 4°C.
Avoid repeated freeze/thaw cycles.
Clone: MEM188 (MEM-188)
Isotype: Mouse IgG2a, κ
HLDA No.: VI NK26



Surface staining of normal human peripheral blood cells with anti-human CD56 (MEM188) PE. Appropriate isotype controls were used (open histogram). Cells in the lymphocyte population were used for analysis.

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-0569	FITC anti-human CD56 (N-CAM, NCAM)	488	518	FC
12-0569	PE anti-human CD56 (N-CAM, NCAM)	488	575	FC
14-0569	Affinity Purified anti-human CD56 (N-CAM, NCAM)	N/A	N/A	FC IP
16-0569	Functional Grade* Purified anti-human CD56 (N-CAM, NCAM)	N/A	N/A	FC
35-0569	Phycoerythrin-Cy5.5 (PE-Cy5.5) anti-human CD56 (N-CAM, NCAM)	488	690	FC

*Functional Grade™ (FG™): Azide-free, sterile-filtered, and endotoxin < 0.001 ng/μg.
Purified: Contains azide, not sterile-filtered, and not endotoxin tested.

Description

The MEM188 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.

Usage

For research use only, not for diagnostic or therapeutic use. The MEM188 (MEM-188) antibody has been reported for use in flow cytometric analysis, and immunoprecipitation.

Applications Tested

The MEM188 (MEM-188) 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 100 μl blood (or per 1 million cells in 100 μl total staining volume). It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Related Products

Cat. 11-0569 FITC anti-human CD56 (N-CAM, NCAM) (clone MEM188 (MEM-188))
Cat. 12-0569 PE anti-human CD56 (N-CAM, NCAM) (clone MEM188 (MEM-188))
Cat. 11-4011 FITC Anti-Mouse IgG
Cat. 13-4013 Biotin Anti-Mouse IgG (clone Polyclonal)
Cat. 11-4317 Streptavidin-FITC (Fluorescein isothiocyanate)
Cat. 12-4317 Streptavidin-PE (Phycoerythrin)
Cat. 17-4317 Streptavidin Allophycocyanin (SA-APC)
Cat. 14-4724 Affinity Purified Mouse IgG2a, K Isotype Control

References

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

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