

Mouse anti-Human CD56 (NCAM) Monoclonal Antibody

Mouse Anti-Human CD56-PE

CATALOG # AAA78751	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD56 (NCAM); Monoclonal Antibody; Mouse Anti-Human CD56-PE; Mouse Anti-Human CD56 - Phycoerythrin-Labeled; Mouse Anti-Human CD56 (NCAM); anti-CD56 (NCAM) antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG _{2a} ?
Clone Number	MEM 188
Specificity	Human / Porcine CD56; Mr 175-220 kDa
Form/Format	The R-phycoerythrin (R-PE) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN3 and a stabilizing agent.
Sequence Length	848
Applicable Applications for anti-CD56 (NCAM) antibody	FCM/FACS (Flow Cytometry)
Immunogen	Acute myelogenous leukemia cell line KG-1
Workshop	VI NK26, A055; VII 70077
Preparation and Storage	Store at 2-8°C. Do not freeze!

ADDITIONAL INFORMATION

Related Product Information for anti-CD56 (NCAM) antibody	Description: CD56, an isoform of the neural cell adhesion molecule (NCAM), is a 220 kDa heavily glycosylated type I transmembrane protein. On human hematopoietic cells, its expression is restricted to NK cells and a subpopulation of T lymphocytes (known as large granular lymphocytes) which demonstrate natural killer activity. While it is clear that NCAM plays a role in homotypic adhesion of neuronal cells, the significance of CD56 expression on NK cells is not clear and remains controversial.
References	- Schlossman, S., L. Bloumsell, W. Gilks, J.M. Harlan, C. Kishimoto, J. Ritz, S. Shaw, R. Silverstein, T. Springer, T.F. Tedder, and R.F. Todd, eds. 1995. Leukocyte Typing V: White Cell Differentiation Antigens, Oxford University Press, Oxford. - Barclay, A.N., M.H. Brown, S.K.A. Law, A.J. McKnight, M.G. Tomlinson, and P.A. van der Merwe, eds. 1997. The Leukocyte Antigens Facts Book, 2nd Edition, CD56 Section, Academic Press, New York, p. 284. - Rabinowitz, J.E., U. Rutishauser, and T. Magnuson. 1996. Proc. Natl. Acad. Sci. USA 93:6421. - Muller, D., C. Wang, G. Skibo, N. Toni, H. Cremer, V. Calaora, G. Rougon, and J.Z. Kiss. 1996. Neuron 17:413.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158524860
NCBI Official Full Name	CD56

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd56-ncam-antibody-clone-mem-188-flow-cytometry-elisa/78751>