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Product datasheet for BM2401PP

CD56 Mouse Monoclonal Antibody [Clone ID: MEM-188]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MEM-188
Applications:	FC
Recommended Dilution:	**Flow Cytometry analysis** of human blood cells using 10 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Reactivity:	Human, Primate
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	KG-1 human acute myelogenous leukemia cell line
Specificity:	This antibody reacts with a 180 kDa isoform of CD56 (NCAM) expressed in leukocytes. It has been suggested that the antibody could react with rhesus monkey lymphocytes. Reactivity with other NCAM isoforms has not been tested.
Formulation:	Phosphate buffered saline (PBS) Label: PerCP State: Liquid purified Ig fraction Preservative: 15 mM sodium azide
Conjugation:	PerCP
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! This products is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	neural cell adhesion molecule 1
Database Link:	Entrez Gene 4684 Human P13591

View online »

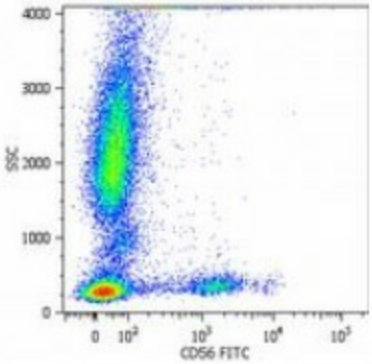
Background: CD56 (NCAM, neural cell adhesion molecule) is a transmembrane glycoprotein of immunoglobulin family serving as adhesive molecule which is ubiquitously expressed in nervous system, usually as 120 kDa, 140 kDa or 180 kDa isoform, and it is also found on T cells and NK cells. Polysialic modification results in reduction of CD56-mediated cell adhesion and is involved in cell migration, axonal growth, pathfinding and synaptic plasticity. CD56 is a widely used neuroendocrine marker with a high sensitivity for neuroendocrine tumours and ovarian granulosa cell tumours.

Synonyms: NCAM-1, N-CAM-1, NCAM

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs), Prion diseases

Product images:



Surface staining of human peripheral blood cells with anti-CD56 FITC ([BM2401F]).