BMA BIOMEDICALS
Rheinstrasse 28-32
CH-4302 Augst (Switzerland)
Phone:++41 61 811 6222
Fax: ++41 61 811 6006
info@bma.ch
www.bma.ch

Monoclonal Antibody To Human CD56

Marker for Natural Killer (NK) Cells; Neuronal Cell Adhesion Molecule (NCAM)

Monoclonal antibody MEM-188 specifically reacts with human CD56, the prototypic marker of human NK cells that is also present on a subset of $CD4^+$ and $CD8^+$ cells in peripheral blood. CD56 is also detectable on brain in the cerebellum and cortex and at neuromuscular junctions, as well as on certain large granular lymphocyte (LGL) leukemias, small-cell lung carcinomas, neuronal-derived tumors, myelomas, and myeloid leukemias. CD56 belongs to the family of neuronal cell adhesion molecules (NCAM)

Product Number:	T-1370 (Lot 01PO0804)
Clone:	MEM-188
Host species, isotype:	Mouse IgG2a
Quantity:	100µg
Format:	Affinity purified, lyophilized
	Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.2mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA), and 0.09% sodium azide as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C
	Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Applications:	Tested for immunohistochemistry (IHC); has been described to work in FACS.
	Approximate working dilution for IHC: Frozen sections: 4µg/ml (1:50) Paraffin sections: not tested Optimal dilutions should be determined by the end user.
	Suggested positive control: Human tonsil
	Please see **www.bma.ch** for protocols and general information.
Antigen, epitope:	The antigen is CD56.
Specificity:	**Human:** CD56
	Other: non-human primates.

Selected references

Leucocyte Typing VI., Kishiomoto T.et al. (Eds.), Garland Publishing Inc. (1997)

Leucocyte Typing VII., Mason D. et al. (Eds.), Oxford University Press (2002)

For *in vitro* research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.