Mouse anti-Hu CD16 Purified, clone MEM-168 (Monoclonal)

Clone no. MEM-168

MONOSAN

Product name	Mouse anti-Hu CD16 Purified, clone MEM-168 (Monoclonal)
Host	Mouse
Applications	FC
Species reactivity	Non-human primates, Human, Pig
Conjugate	-
Immunogen	Human granulocytes
Isotype	IgM
Clonality	Monoclonal
Clone number	MEM-168
Size	0.1 mg
Concentration	1 mg/ml
Format	Purified by sequential steps of physicochemical fractionation (differential
Storage buffer	Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage until expiry date	2-8°C

Product datasheet MON23106

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Additional info

CD16 (FcgammaRIII) is a 50-65 kDa glycoprotein serving as a low affinity IgG receptor. Human FcgammaRIII is expressed in two forms – FcgammaRIII-A and -B. FcgammaRIII-A is a transmembrane protein of monocytes, macrophages, NK cells and a subset of T cells. It is associated with FcepsilonRI-gamma subunit and is responsible for antibody-dependent NK cell cytotoxicity. Mast cell FcgammaRIII-A is associated, moreover, with FcepsilonRI-beta subunit. Besides IgG, FcgammaRIII-A can be triggered also by oligomeric IgE. FcgammaRIII-B is a GPI-linked monomeric receptor expressed on neutrophils and is involved in their activation and induction of a proadhesive phenotype.SpecificityThe mouse monoclonal antibody BY55 recognizes an extracellular epitope of CD160, a 27 kDa glycoprotein expressed on NK cells, NK-T cells, intestinal intraepithelial lymphocytes, TCR-gamma/delta T cells and a small population of TCR-alpha/beta T cells. The antibody detects both GPI-anchored and transmembrane form of CD160.Application detailsFlow cytometry: Recommended dilution: 1-4 µg/ml.

References

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