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30-1258: Anti-CD16 / FcgammaRIII Monoclonal Antibody (Clone:MEM-168)

Clonality :	Monoclonal
Clone Name :	MEM-168
Application :	FACS
Reactivity :	Human, Non-Human Primates, Pig
Gene :	FCGR3A
Gene ID :	2214
Uniprot ID :	P08637
Format :	Purified
Alternative Name :	FCGR3A,CD16A,FCG3,FCGR3,IGFR3
Isotype :	Mouse IgM
Immunogen Information :	Human granulocytes

Description

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by precipitation and chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:*1-4 Ã□Âµg/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.