

30-1258: Anti-CD16 / Fcγ₃ 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 (Fcγ₃) is a 50-65 kDa glycoprotein serving as a low affinity IgG receptor. Human Fcγ₃ is expressed in two forms - Fcγ₃-A and -B. Fcγ₃-A is a transmembrane protein of monocytes, macrophages, NK cells and a subset of T cells. It is associated with Fcε₁-γ subunit and is responsible for antibody-dependent NK cell cytotoxicity. Mast cell Fcγ₃-A is associated, moreover, with Fcε₁-β subunit. Besides IgG, Fcγ₃-A can be triggered also by oligomeric IgE. Fcγ₃-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 μ g/ml