10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD16-AcalephFluor488-labled

Catalog # AP101332

Product Information

Application	FC, IF/IC
Primary Accession	O75015
Reactivity	Human
Clonality	Monoclonal
Calculated MW	26243

Additional Information

Gene ID	2215
Other Names	CD16B; FCG3; FCGR3; IGFR3; Low affinity immunoglobulin gamma Fc region receptor III-B; Fc-gamma RIII-beta; Fc-gamma RIII; Fc-gamma RIIIb; FcRIII; FcRIIIb; FcR-10; IgG Fc receptor III-1; CD antigen CD16b
Target/Specificity	Recognizes human CD16
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	FCGR3B
Synonyms	CD16B, FCG3, FCGR3, IGFR3
Function	Receptor for the Fc region of immunoglobulins gamma. Low affinity receptor. Binds complexed or aggregated IgG and also monomeric IgG. Contrary to III-A, is not capable to mediate antibody-dependent cytotoxicity and phagocytosis. May serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor. Secreted Note=Secreted after cleavage
Tissue Location	Expressed specifically by polymorphonuclear leukocytes (neutrophils). Also expressed by stimulated eosinophils

Background

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.