

Anti-CD16 Antibody

Catalog # AP95483

Product Information

Application	WB, FC, IF/IC
Primary Accession	O75015
Reactivity	Human
Host	Mouse
Clonality	Monoclonal (clone: CB16)
Calculated MW	26243

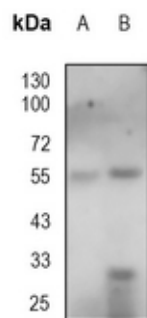
Additional Information

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	Native purified human CD16.
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/500 - 1/2000) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

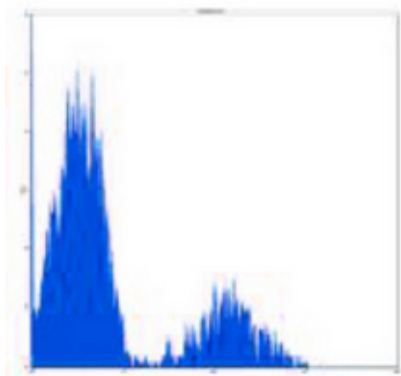
Protein Information

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

Images



Western blot analysis of CD16 expression in mouse liver (A), mouse spleen (B) whole cell lysates. (Predicted band size: 26 kD; Observed band size: 55 kD)



Flow cytometric analysis of human peripheral blood lymphocytes using Anti-CD16 Antibody, followed by anti-mouse IgG PE.

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