

FCGR3B Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20596a

Product Information

Application	WB, E
Primary Accession	O75015
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB47719
Calculated MW	26243

Additional Information

Gene ID	2215
Other Names	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, CD16b, FCGR3B, CD16B, FCG3, FCGR3, IGFR3
Target/Specificity	This FCGR3B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 12-47 amino acids from the N-terminal region of human FCGR3B.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FCGR3B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

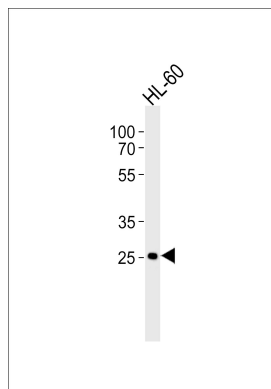
Background

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.

References

Ravetch J.V.,et al.J. Exp. Med. 170:481-497(1989).
Simmons D.,et al.Nature 333:568-570(1988).
Simmons D.,et al.Nature 340:662-662(1989).
Peltz G.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:1013-1017(1989).
Scallon B.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:5079-5083(1989).

Images



Western blot analysis of lysate from HL-60 cell line, using FCGR3B Antibody (N-term)(Cat. #AP20596a). AP20596a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

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