

# FCGR3B Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20596a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O75015</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB47719
<b>Calculated MW</b>	26243

## Additional Information

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<b>Gene ID</b>	2215
<b>Other Names</b>	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
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	FCGR3B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	FCGR3B
<b>Synonyms</b>	CD16B, FCG3, FCGR3, IGFR3
<b>Function</b>	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

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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.

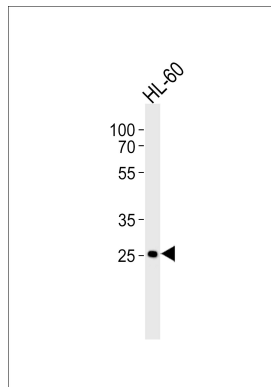
## References

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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

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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'.