

Rabbit anti-Human FCGR1B Polyclonal Antibody | anti-FCGR1B antibody

FCGR1B Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284524	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

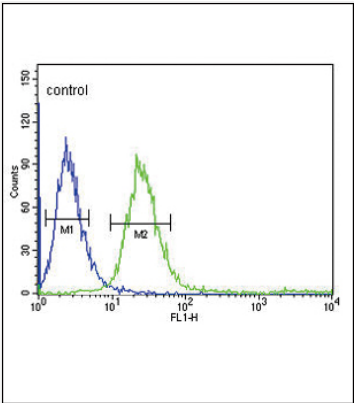
PRODUCT SYNONYMS

FCGR1B; Polyclonal Antibody; FCGR1B Antibody (C-term); High affinity immunoglobulin gamma Fc receptor IB; IgG Fc receptor IB; Fc-gamma RIB; FcRIB; hFcgammaRIB; IGFRB; anti-FCGR1B antibody

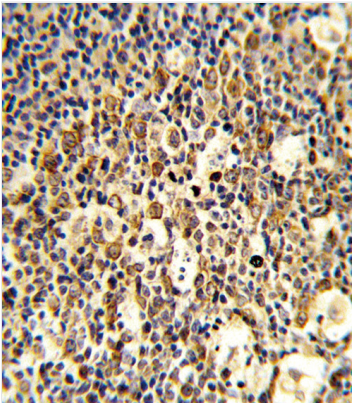
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FCGR1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 248-276 amino acids from the C-terminal region of human FCGR1B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.34 (varies by lot)
Sequence Positions	248-276
Sequence Length	188
Applicable Applications for anti-FCGR1B antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

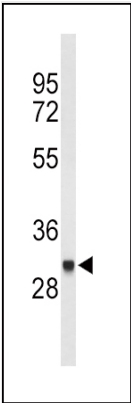
IMAGES



FCM/FACS (Flow Cytometry)
FCGR1B Antibody (C-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human tonsil reacted with FCGR1B Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of FCGR1B Antibody (C-term) in CEM cell line lysates (35ug/lane). FCGR1B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FCGR1B antibody	FCGR1B may bind to the Fc region of immunoglobulins gamma with a low affinity compared to FCGR1A. This protein may function in the humoral immune response.
Product Categories/Family for anti-FCGR1B antibody	Immunology
References	Thomas,G., et.al., Nat. Genet. 41 (5), 579-584 (2009) Kuwano,Y., et.al., Arch. Dermatol. Res. 298 (10), 493-498 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	219804014
NCBI GeneID	2210
NCBI Accession #	NP_001004340.2; NP_001017986.1; NP_001231839.1
NCBI GenBank Nucleotide #	NM_001004340.3
UniProt Accession #	Q92637; Q7KZ13; Q92638
Molecular Weight	32232

NCBI Official Full Name	high affinity immunoglobulin gamma Fc receptor IB isoform 2
NCBI Official Synonym Full Names	Fc fragment of IgG, high affinity Ib, receptor (CD64)
NCBI Official Symbol	FCGR1B
NCBI Official Synonym Symbols	CD64b; IGFRB
NCBI Protein Information	high affinity immunoglobulin gamma Fc receptor IB
UniProt Protein Name	High affinity immunoglobulin gamma Fc receptor IB
UniProt Gene Name	FCGR1B
UniProt Synonym Gene Names	IGFRB; IgG Fc receptor IB; FcRIB; hFcgammaRIB
UniProt Entry Name	FCGRB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/fcgr1b-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284524>