

Rabbit anti-Human FCGR1A Polyclonal Antibody | anti-FCGR1A antibody

FCGR1A Antibody (Center)

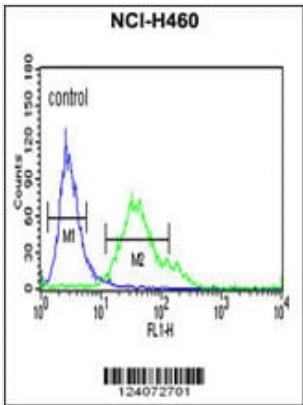
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283887	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

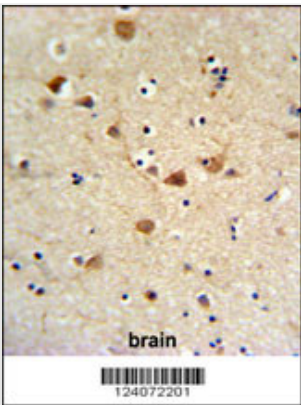
FCGR1A; Polyclonal Antibody; FCGR1A Antibody (Center); High affinity immunoglobulin gamma Fc receptor I; IgG Fc receptor I; Fc-gamma RI; FcRI; Fc-gamma RIA; FcgammaRIa; CD64; FCG1; FCGR1; IGFR1; anti-FCGR1A antibody

PRODUCT SPECIFICATIONS

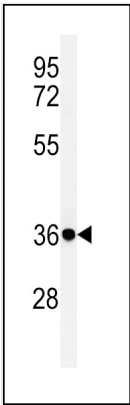
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FCGR1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-245 amino acids from the Central region of human FCGR1A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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: 0.5 (varies by lot)
Sequence Positions	217-245
Sequence Length	344
Applicable Applications for anti-FCGR1A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
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.



FCM/FACS (Flow Cytometry)
FCGR1A Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
FCGR1A Antibody (Center) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FCGR1A Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of FCGR1A Antibody (Center) in NCI-H460 cell line lysates (35ug/lane). FCGR1A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FCGR1A antibody	FCGR1A encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.
Product Categories/Family for anti-FCGR1A antibody	Immunology
References	Poon, I.K., et al. Blood 115(12):2473-2482(2010) Jung, S.T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(2):604-609(2010) Hulse, K.E., et al. J. Allergy Clin. Immunol. 125(1):247-256(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835133
NCBI GeneID	2209
NCBI Accession #	NP_000557.1
NCBI GenBank Nucleotide #	NM_000566.3
UniProt Accession #	P12314; P12315; Q5QNW7; Q92495; Q92663
Molecular Weight	42632

NCBI Official Full Name	high affinity immunoglobulin gamma Fc receptor I
NCBI Official Synonym Full Names	Fc fragment of IgG, high affinity Ia, receptor (CD64)
NCBI Official Symbol	FCGR1A
NCBI Official Synonym Symbols	CD64; FCRI; CD64A; IGFR1
NCBI Protein Information	high affinity immunoglobulin gamma Fc receptor I
UniProt Protein Name	High affinity immunoglobulin gamma Fc receptor I
UniProt Gene Name	FCGR1A
UniProt Synonym Gene Names	FCG1; FCGR1; IGFR1; IgG Fc receptor I; FcRI; FcgammaRIa
UniProt Entry Name	FCGR1_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://stage.aaabiotech.com/polyclonal/fcgr1a-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/283887>