

Rabbit anti-Human CD32 Polyclonal Antibody | anti-CD32 antibody

CD32 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322498	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

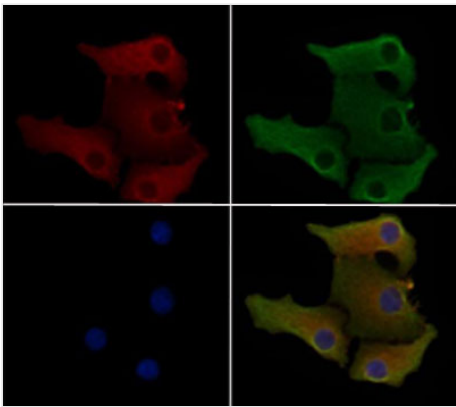
PRODUCT SYNONYMS

CD32; Polyclonal Antibody; CD32 Antibody; CD32 antigen; CD32B; CDw32; Fc fragment of IgG; low affinity II; receptor for (CD32); low affinity IIb; receptor; receptor (CD32); receptor for; Fc gamma receptor IIB; Fc gamma RII; Fc gamma RIIb; Fc-gamma RII; Fc-gamma RII-b; Fc-gamma-RIIb; FCG2; FCG2B_HUMAN; Fcgr2; FCGR2B; FCRII; FcRII-b; IGFR2; IgG Fc receptor II beta; IgG Fc receptor II-b; Low affinity immunoglobulin gamma Fc region receptor II; Low affinity immunoglobulin gamma Fc region receptor II-b; Ly-17; Lym 1; Lymphocyte antigen 17; anti-CD32 antibody

PRODUCT SPECIFICATIONS

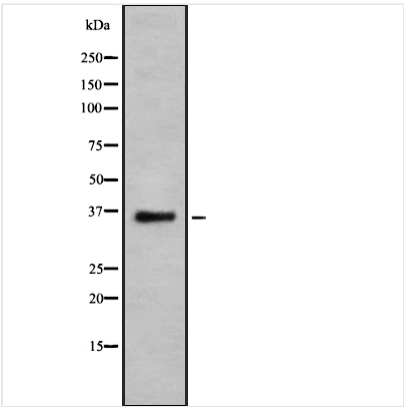
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	FCGR2B/CD32B Antibody detects endogenous levels of total FCGR2B/CD32B
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	290
Applicable Applications for anti-CD32 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FCGR2B/CD32B, corresponding to a region within the C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322498 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA322498) and mouse anti-beta-tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody



WB (Western Blot)

Western blot analysis of CD32 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CD32 antibody

Function: Receptor for the Fc region of complexed or aggregated immunoglobulins gamma. Low affinity receptor. Involved in a variety of effector and regulatory functions such as phagocytosis of immune complexes and modulation of antibody production by B-cells. Binding to this receptor results in down-modulation of previous state of cell activation triggered via antigen receptors on B-cells (BCR), T-cells (TCR) or via another Fc receptor. Isoform IIB1 fails to mediate endocytosis or phagocytosis. Isoform IIB2 does not trigger phagocytosis. Subunit Structure: Isoform IIB1 interacts with measles virus N protein. N protein is released in the blood following lysis of measles infected cells. This interaction presumably block inflammatory immune response. Interacts with INPP5D/SHIP1. Interacts with FGR. Interacts with LYN. Post-translational Modifications: Phosphorylated by the SRC-type Tyr-kinases LYN and BLK. Similarity: Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50511932
NCBI GeneID	2213
NCBI Accession #	NP_001002273.1
NCBI GenBank Nucleotide #	NM_001002273.2
UniProt Accession #	P31994; O95649; Q53X85; Q5VXA9; Q8NIA1; A6H8N3
Molecular Weight	34kDa
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-b isoform 2
NCBI Official Synonym Full Names	Fc fragment of IgG receptor IIb
NCBI Official Symbol	FCGR2B
NCBI Official Synonym Symbols	CD32; FCG2; CD32B; FCGR2; IGFR2; FCGR2C; FcRII-c
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-b
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II-b
UniProt Gene Name	FCGR2B

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/cd32-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322498>