

Mouse CD32 Monoclonal Antibody | anti-CD32 antibody

MOUSE ANTI HUMAN CD32:Low Endotoxin

CATALOG # AAA50158	HOST Mouse	APPLICATIONS Immunoprecipitation, Functional Assay, Flow Cytometry, Functional Assay, Immunohistochemistry
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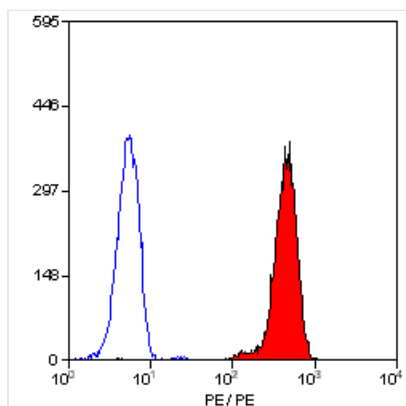
PRODUCT SYNONYMS

CD32; Monoclonal Antibody; MOUSE ANTI HUMAN CD32:Low Endotoxin; anti-CD32 antibody

PRODUCT SPECIFICATIONS

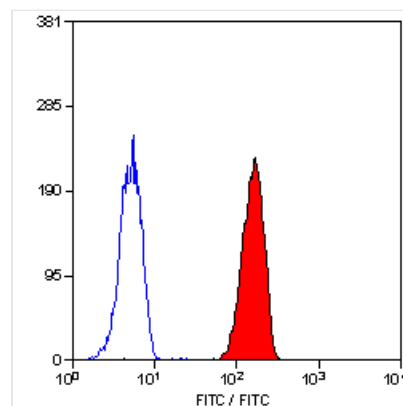
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	AT10
Form/Format	Low Endotoxin Purified IgG - liquid
Concentration	IgG concentration 1 mg/ml (varies by lot)
Sequence Length	317
Applicable Applications for anti-CD32 antibody	IP (Immunoprecipitation), FA (Functional Assay), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Immunogen	K562 cell line Histology Positive Control Tissue
Target Species	Human
Preparation and Storage	Store at -20 degree C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of despatch.

IMAGES



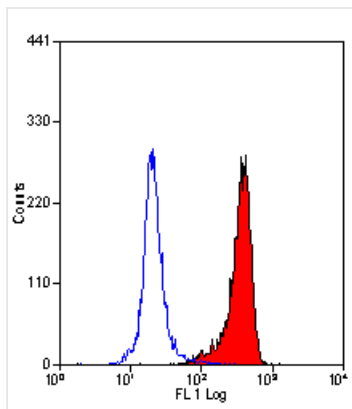
Application Data

Staining of human peripheral blood monocytes with Mouse anti Human CD32: Biotin



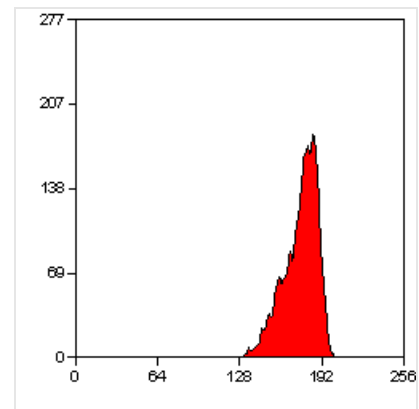
Application Data

Staining of human peripheral blood granulocytes with Mouse anti Human CD32:RPE



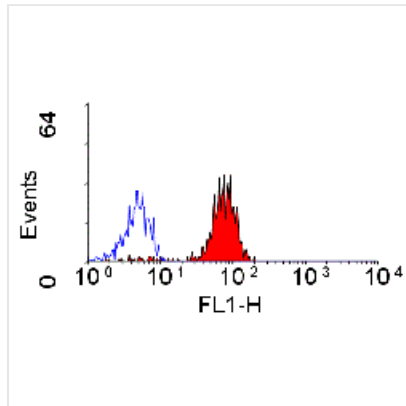
Application Data

Staining of human peripheral blood granulocytes with Mouse anti Human CD32:FITC



Application Data

Staining of human peripheral blood granulocytes with Mouse anti Human CD32:Alexa FluorR 647



Application Data

Staining of human peripheral blood granulocytes with Mouse anti Human CD32

ADDITIONAL INFORMATION

Related Product Information for anti-CD32 antibody

Mouse anti Human CD32 antibody, clone AT10 recognizes the human CD32 antigen, a 40kDa glycoprotein that acts as a low affinity receptor for IgG (also known as Fc gamma RII). The antigen mediates several functions including endocytosis, activation of secretion, cytotoxicity and immunomodulation. CD32 is expressed by B cells, monocytes, granulocytes and platelets. Clone AT10 blocks the binding of IgG to Fc gamma RII (Larsson et al. 1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	210031822
NCBI GeneID	2212
NCBI Accession #	NP_001129691.1
NCBI GenBank Nucleotide #	NM_001136219.1
Molecular Weight	34,930 Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-a isoform 1
NCBI Official Synonym Full Names	Fc fragment of IgG, low affinity IIa, receptor (CD32)
NCBI Official Symbol	FCGR2A
NCBI Official Synonym Symbols	CD32; FCG2; FcGR; CD32A; CDw32; FCGR2; IGFR2; FCGR2A1
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-a; Immunoglobulin G Fc receptor II; fc-gamma RII-a; fc-gamma-RIIa; fcRII-a; igG Fc receptor II-a

UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II-a
UniProt Gene Name	FCGR2A
UniProt Synonym Gene Names	CD32; FCG2; FCGR2A1; IGFR2; IgG Fc receptor II-a; Fc-gamma-RIIa; FcRII-a
UniProt Entry Name	FCG2A_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/monoclonal/cd32-antibody-clone-at10-immunoprecipitation-functional-assay-flow-cytometry-immunohistochemistry-elisa/50158>