

Rat CD16/CD32 Monoclonal Antibody | anti-CD16/CD32 antibody

RAT ANTI MOUSE CD16/CD32:Low Endotoxin

CATALOG # AAA49144	HOST Rat	APPLICATIONS Functional Assay, Flow Cytometry, Functional Assay
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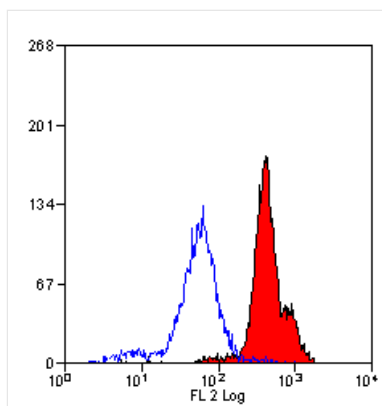
PRODUCT SYNONYMS

CD16/CD32; Monoclonal Antibody; RAT ANTI MOUSE CD16/CD32:Low Endotoxin; anti-CD16/CD32 antibody

PRODUCT SPECIFICATIONS

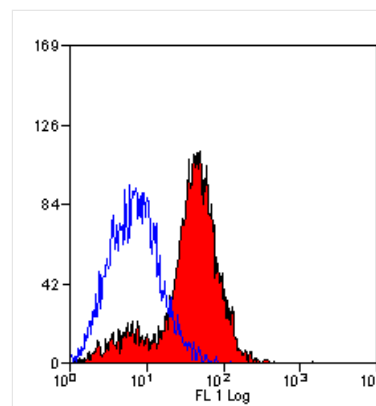
Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	FCR4G8
Form/Format	Low Endotoxin Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	293
Applicable Applications for anti-CD16/CD32 antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry)
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	PU5 1.8 IOE7 Balb/c mouse cell line. Fusion Partners
Target Species	Mouse
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: 18 months from date of despatch.

IMAGES



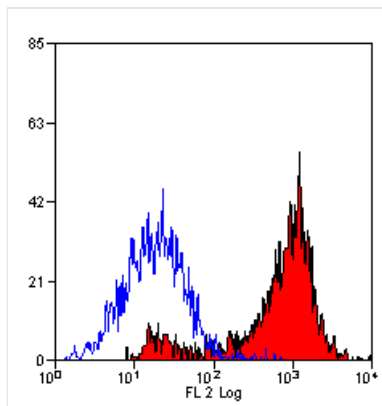
Application Data

Staining of mouse peripheral blood granulocytes with Rat anti Mouse CD16/32: Biotin



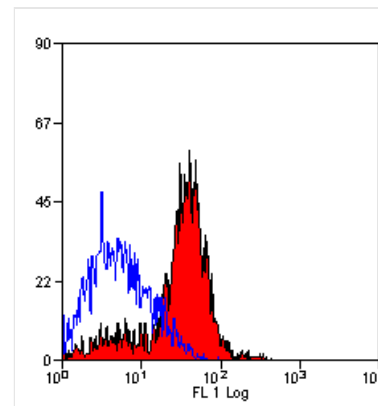
Application Data

Staining of mouse peritoneal macrophages with Rat anti Mouse CD16/32: FITC



Application Data

Staining of mouse peritoneal macrophages with Rat anti Mouse CD16/32 : RPE



Application Data

Staining of mouse peripheral blood lymphocytes Rat anti Mouse CD16/32: Alexa Fluor 488

ADDITIONAL INFORMATION

Related Product Information for anti-CD16/CD32 antibody

Rat anti Mouse CD16/CD32 antibody, clone FCR4G8 recognizes an epitope expressed by the murine low affinity Fc receptors, Fc gamma III (CD16) and Fc gamma II (CD32). In the mouse only the transmembrane form of CD16 is reported to exist, which is expressed on macrophages, NK cells, granulocytes, myeloid precursors, and subpopulations of T lymphocytes. CD32 is primarily expressed on cells of the myeloid lineage and also on mature B lymphocytes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6857783
NCBI GeneID	14130
NCBI Accession #	NP_034317.1
NCBI GenBank Nucleotide #	NM_010187.2
Molecular Weight	– Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-b isoform 2
NCBI Official Synonym Full Names	Fc receptor, IgG, low affinity IIb
NCBI Official Symbol	Fcgr2b
NCBI Official Synonym Symbols	CD32; Fcgr2; Fcr-2; Fcr-3; Ly-17; LyM-1; Lym-1; fcRII; FcgRII; Fcgr2a; Ly-m20; A1528646; Fc[g]RII; F630109E10Rik
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-b; Fc gamma RIIB; Fc-gamma-RII; FcgammaRIIB; fc gamma receptor IIB; fc-gamma RII; fc-gamma-RIIB; igG Fc receptor II beta; lymphocyte antigen 17
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II
UniProt Gene Name	Fcgr2
UniProt Synonym Gene Names	Fcgr2b; Ly-17; Fc-gamma RII; Fc-gamma-RIIB; FcRII; Ly-17
UniProt Entry Name	FCGR2_MOUSE

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/cd16-cd32-antibody-clone-fcr4g8-functional-assay-flow-cytometry-elisa/49144>