

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

Anti-Ms CD16/CD32 FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128390	Rat	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD16/CD32; Monoclonal Antibody; Anti-Ms CD16/CD32 FITC; CD16; CD32; FcgammaRIII; FcgammaRII; FCGR3; FCGR2; anti-CD16/CD32 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2a lambda
Clone Number	93
Specificity	The rat monoclonal antibody 93 recognizes a common extracellular epitope of murine CD16 (FcgammaRIII) and CD32 (FcgammaRII), the low affinity receptors for IgG.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	0.5 mg/ml (varies by lot)
Applicable Applications for anti-CD16/CD32 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Murine pre-B cells
Conjugation	FITC
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD16/CD32 antibody	CD16 (FcgammaRIII) is a 50-65 kDa glycoprotein serving as a low affinity IgG receptor. Unlike human, the murine protein is expressed only as a transmembrane isoform. Also CD32 (FcgammaRII) is a low affinity receptor for IgG, but its affinity is lower than that of CD16. These receptors are expressed on monocytes/macrophages, NK cells, granulocytes, mast cells, dendritic cells, and B cells. Their role is to mediate adaptive immune responses through binding the antibody-antigen immunocomplexes, but their effect on the particular cell differs according to the cell type.
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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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