

Rat CD16 Monoclonal Antibody | anti-CD16 antibody

RAT ANTI HUMAN CD16

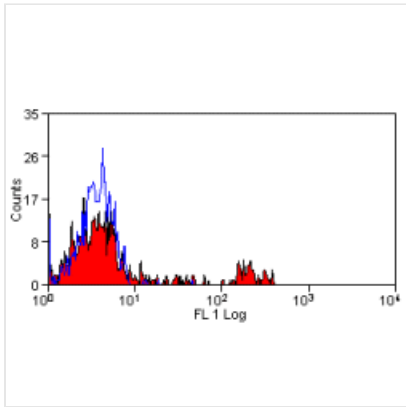
CATALOG # AAA49739	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry
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PRODUCT SYNONYMS

CD16; Monoclonal Antibody; RAT ANTI HUMAN CD16; anti-CD16 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	YFC120.5
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	233
Applicable Applications for anti-CD16 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Human neutrophils Fusion Partners
Target Species	Human
Preparation and Storage	Store at 4 degree C for one month or at -20 degree C for longer. 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.



Application Data
Staining of human peripheral blood lymphocytes with Rat anti Human CD16

ADDITIONAL INFORMATION

Related Product Information for anti-CD16 antibody	Rat anti Human CD16 antibody, clone YFC120.5 binds specifically to the leucocyte low affinity Fc receptor (Fc RIII), also known as CD16. The antigen is expressed by neutrophils, NK cells, K cells and a subpopulation of macrophages. It recognizes a 50-70 kD leucocyte surface antigen.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	132814489
NCBI GeneID	2215
NCBI Accession #	NP_000561.3
NCBI GenBank Nucleotide #	NM_000570.4
Molecular Weight	26,216 Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor III-B isoform 2
NCBI Official Synonym Full Names	Fc fragment of IgG, low affinity IIIb, receptor (CD16b)
NCBI Official Symbol	FCGR3B
NCBI Official Synonym Symbols	CD16; FCG3; CD16b; FCGR3; FCR-10; FCRIII; FCRIIIb
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor III-B; Fc-gamma receptor IIIb (CD 16); fc-gamma RIII-beta; fc-gamma RIIIb; igG Fc receptor III-1
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor III-B
UniProt Gene Name	FCGR3B
UniProt Synonym Gene Names	CD16B; FCG3; FCGR3; IGFR3; Fc-gamma RIII; Fc-gamma RIIIb; FcRIII; FcRIIIb
UniProt Entry Name	FCG3B_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.