

Rat anti-Murine CD16 Monoclonal Antibody | anti-CD16 antibody

CD16 antibody (PE)

CATALOG # AAA74490	HOST Rat	REACTIVITY Murine	APPLICATIONS Flow Cytometry, Functional Assay
------------------------------	--------------------	-----------------------------	---

PRODUCT SYNONYMS

CD16; Monoclonal Antibody; CD16 antibody (PE); Monoclonal CD16; Anti-CD16; CD-16; FcγRIII; CD 16; CD16 FcγRIII; anti-CD16 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Murine
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	93
Specificity	Murine
Form/Format	Supplied as a liquid in PBS, with NaN ₃ added as preservative.
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	233
Applicable Applications for anti-CD16 antibody	FCM/FACS (Flow Cytometry)
Biological Significance	CD16 is a low affinity Fc receptor. It is a cluster of differentiation found on the surface of natural killer cells, neutrophil polymorphonuclear leukocytes, monocytes and macrophages. It can be used to isolate populations of these cells by antibodies directed towards CD16, utilising FACS (fluorescent-activated cell sorting) or MACS (magnetic-activated cell sorting).
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Tag/Conjugate	PE
Immunogen	CD16 antibody (PE) was raised in rat using murine CD16/32 (CD16/Fc gamma II and CD32/Fc gamma III receptors)
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD16 antibody	Rat monoclonal CD16 antibody (PE)
Product Categories/Family for anti-CD16 antibody	Immunology ; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	8176551
NCBI GeneID	2214

UniProt Accession #	P08637; Q53FJ0; Q53FL6; Q5EBR4; Q65ZM6; Q6PIJ0; A2N6W9
Molecular Weight	29,089 Da
NCBI Official Full Name	CD16, partial
NCBI Official Synonym Full Names	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)
NCBI Official Symbol	FCGR3A
NCBI Official Synonym Symbols	CD16; FCG3; CD16A; FCGR3; IGFR3; IMD20; FCR-10; FCRIII; FCGRIII; FCRIIIA
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor III-A
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor III-A
UniProt Gene Name	FCGR3A
UniProt Synonym Gene Names	CD16A; FCG3; FCGR3; IGFR3; Fc-gamma RIII; Fc-gamma RIIIA; FcRIII; FcRIIIa
UniProt Entry Name	FCG3A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd16-antibody-clone-93-flow-cytometry-elisa/74490>