

Mouse CD64 Monoclonal Antibody | anti-CD64 antibody

MOUSE ANTI HUMAN CD64:RPE

CATALOG # AAA49517	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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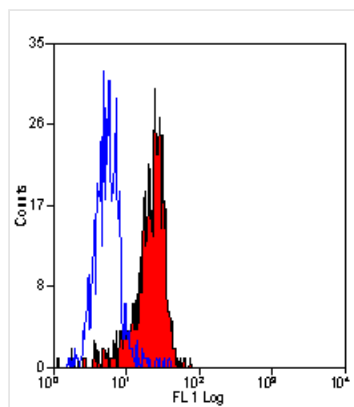
PRODUCT SYNONYMS

CD64; Monoclonal Antibody; MOUSE ANTI HUMAN CD64:RPE; anti-CD64 antibody

PRODUCT SPECIFICATIONS

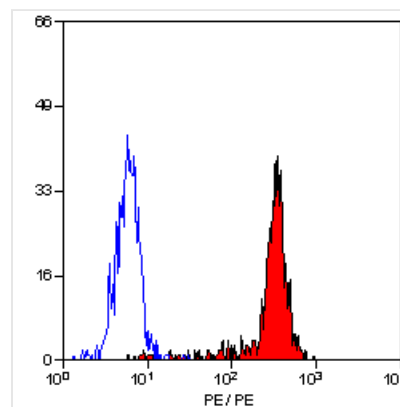
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	10.1
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	344
Applicable Applications for anti-CD64 antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers
Immunogen	Human monocytes Fusion Partners
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



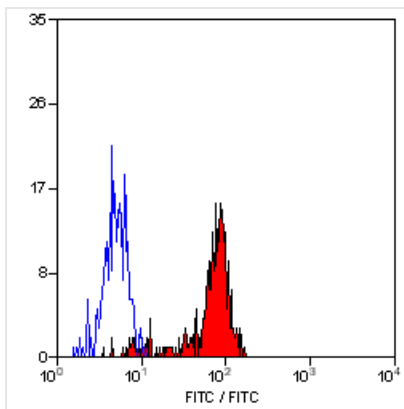
Application Data

Staining of human peripheral blood monocytes with Mouse anti Human CD64:FITC



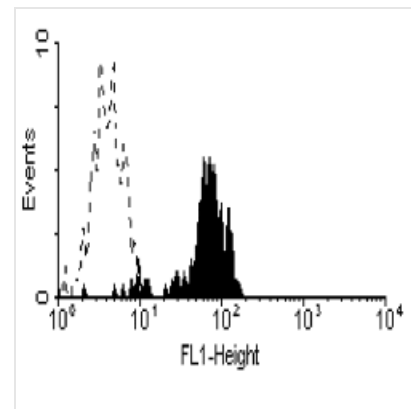
Application Data

Staining of human peripheral blood monocytes with Mouse anti Human CD64:RPE



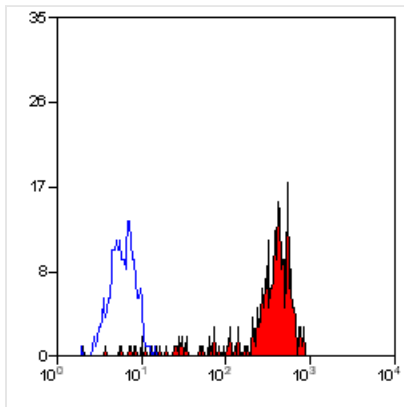
Application Data

Staining of human peripheral blood monocytes with Mouse anti Human CD64



Application Data

Staining of peripheral blood monocytes with Mouse anti Human CD64



Application Data

Staining of human peripheral blood monocytes with Mouse anti Human CD64:Alexa Fluor 647

ADDITIONAL INFORMATION

Related Product Information for anti-CD64 antibody

Mouse anti Human CD64 antibody, clone 10.1 recognizes the human CD64 cell surface antigen, a 75kD glycoprotein expressed by monocytes. The antigen acts as a high affinity receptor for human IgG, and is also known as FcRI. Mouse anti Human CD64 antibody, clone 10.1 blocks binding of immunoglobulin to FcRI.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835133
NCBI GeneID	2209
NCBI Accession #	NP_000557.1
NCBI GenBank Nucleotide #	NM_000566.3
UniProt Accession #	P12314 ; P12315 ; Q5QNW7 ; Q92495 ; Q92663
Molecular Weight	38,795 Da
NCBI Official Full Name	high affinity immunoglobulin gamma Fc receptor I
NCBI Official Synonym Full Names	Fc fragment of IgG, high affinity Ia, receptor (CD64)
NCBI Official Symbol	FCGR1A
NCBI Official Synonym Symbols	CD64; FCRI; CD64A; IGFR1
NCBI Protein Information	high affinity immunoglobulin gamma Fc receptor I; Fc fragment of IgG, high affinity Ia, receptor for (CD64); Fc gamma receptor; Fc-gamma RI; Fc-gamma receptor I A1; IgG Fc receptor I; fc-gamma RIA; fcgammaRIa

UniProt Protein Name	High affinity immunoglobulin gamma Fc receptor I
UniProt Gene Name	FCGR1A
UniProt Synonym Gene Names	FCG1; FCGR1; IGFR1; IgG Fc receptor I; FcRI; FcgammaRIa
UniProt Entry Name	FCGR1_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/cd64-antibody-clone-10-1-flow-cytometry-elisa/49517>