

Mouse anti-Human CD64 Monoclonal Antibody | anti-CD64 antibody

Anti-Human CD64 Monoclonal Antibody (PerCP/Cy5.5 Conjugated)

CATALOG # AAA174631	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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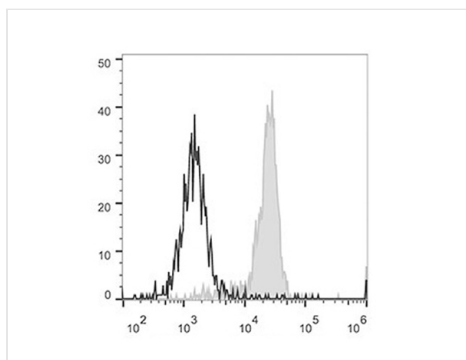
PRODUCT SYNONYMS

CD64; Monoclonal Antibody; Anti-Human CD64 Monoclonal Antibody (PerCP/Cy5.5 Conjugated); Fc fragment of IgG high affinity Ia/b/c receptor; CD64A/B/C; Fc gamma RI; FCGR1A/B/C; IGFR 1; anti-CD64 antibody

PRODUCT SPECIFICATIONS

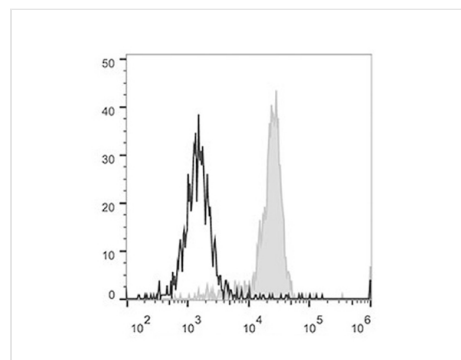
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	10.1
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	280
Applicable Applications for anti-CD64 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PerCP/Cy5.5
Preparation and Storage	Store at 2-8 degree C and protected from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Human peripheral blood monocytes are stained with Anti-Human CD64 Monoclonal Antibody(PerCP/Cy5.5 Conjugated)(filled gray histogram). Unstained monocytes (empty black histogram) are used as control.



FCM/FACS (Flow Cytometry)

Flow cytometry antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD64 antibody	CD64 is a 72 kD single chain type I glycoprotein also known as FcγRI and FcR I. CD64 is a member of the immunoglobulin superfamily and is expressed on monocytes/macrophages, dendritic cells, and activated granulocytes. The expression can be upregulated by IFN-γ stimulation. CD64 binds IgG immune complex. It plays a role in antigen capture, phagocytosis of IgG/antigen complexes, and antibody-dependent cellular cytotoxicity (ADCC).
References	1. Hulett M, et al. 1994. Adv. Immunol. 57:1. 2. van de Winkel J, et al. 1993. Immunol. Today 14:215.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187471179
NCBI GeneID	2209
UniProt Accession #	A6NKC4; P12314; Q92637
NCBI Official Full Name	Putative high affinity immunoglobulin gamma Fc receptor IC
NCBI Official Synonym Full Names	Fc fragment of IgG receptor Ia
NCBI Official Symbol	FCGR1A
NCBI Official Synonym Symbols	CD64; FCRI; CD64A; IGFR1
NCBI Protein Information	high affinity immunoglobulin gamma Fc receptor I

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://www.aaabiotech.com/monoclonal/cd64-antibody-clone-10-1-flow-cytometry-elisa/174631>