

Rat anti-Mouse CD16/32 Monoclonal Antibody | anti-CD16/32 antibody

Anti-Mouse CD16/32 Monoclonal Antibody (Alexa Fluor 647 Conjugated)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174608	Rat	Mouse	Flow Cytometry, Functional Assay

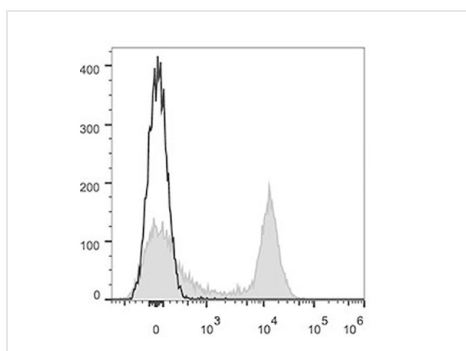
PRODUCT SYNONYMS

CD16/32; Monoclonal Antibody; Anti-Mouse CD16/32 Monoclonal Antibody (Alexa Fluor 647 Conjugated); CD16a/b; CD32; CD32A/B; Fc fragment of IgG low affinity IIa/b receptor; Fc fragment of IgG low affinity IIIa/b receptor; Fc fragment of IgG low affinity IIIb receptor; Fc gamma receptor III A/B; FCG2A; FcGR; FCGR2A/BFCGR3; FCGR3A/B; Fc gamma RIIa/b; anti-CD16/32 antibody

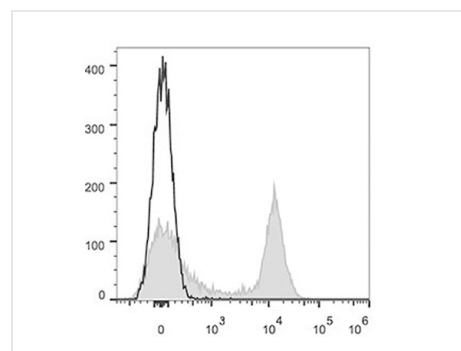
PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2.4G2
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	330
Applicable Applications for anti-CD16/32 antibody	FCM/FACS (Flow Cytometry)
Conjugation	Alexa Fluor 647
Preparation and Storage	Store at 2-8 degree C and protected from prolonged exposure to light. Do not freeze.

IMAGES


FCM/FACS (Flow Cytometry)

C57BL/6 murine splenocytes are stained with Anti-Mouse CD16/32 Monoclonal Antibody(Alexa Fluor 647 Conjugated)(filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.


FCM/FACS (Flow Cytometry)

Flow cytometry antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD16/32 antibody

CD16 is low affinity IgG Fc receptor III (FcR III) and CD32 is FcR II. CD16/CD32 are expressed on B cells, monocytes/macrophages, NK cells, granulocytes, mast cells, and dendritic cells. The Fc receptors bind antibody-antigen immune complexes and mediate adaptive immune responses.

References	1. Barclay AN, et al. 1997. The Leukocyte Antigen FactsBook Academic Press. 2. Unkeless JC. 1989. J. Clin. Invest. 83:355. 3. Qiu WQ, et al. 1990. Science 248:732.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2506779
NCBI GeneID	14130
UniProt Accession #	P08101; P08508; Q5D5I8; Q5D5J5; Q7TMW9; Q9ES92
NCBI Official Full Name	Low affinity immunoglobulin gamma Fc region receptor II
NCBI Official Synonym Full Names	Fc receptor, IgG, low affinity IIb
NCBI Official Symbol	Fcgr2b
NCBI Official Synonym Symbols	CD32; Fcgr2; Fcr-2; Fcr-3; Ly-17; LyM-1; Lym-1; fcRII; FcgRII; Fcgr2a; Ly-m20; AI528646; Fc[g]RII; F630109E10Rik
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-b
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II
UniProt Gene Name	Fcgr2
UniProt Synonym Gene Names	Fcgr2b; Ly-17; Fc-gamma RII; Fc-gamma-RIIB; FcRII; Ly-17
UniProt Entry Name	FCGR2_MOUSE

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.