

Rat anti-Mouse mCD16/32 Monoclonal Antibody | anti-mCD16/32 antibody

Monoclonal Antibody to mCD16/32 (Clone: 2.4G2)

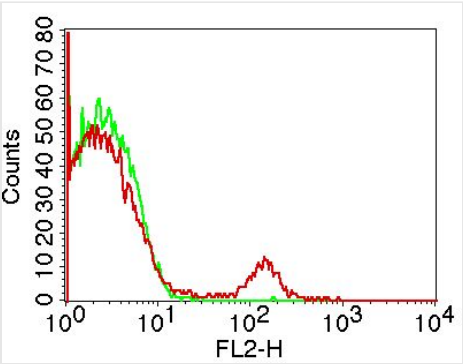
CATALOG # AAA78421	HOST Rat	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

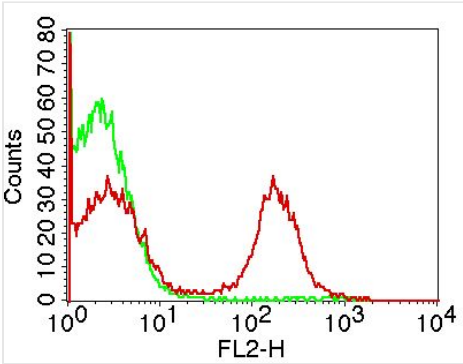
mCD16/32; Monoclonal Antibody; Monoclonal Antibody to mCD16/32 (Clone: 2.4G2); Fc gamma receptor IIB; IgG Fc receptor II beta; Lymphocyte antigen 17; Fcgr2b; Ly-17; /Low affinity immunoglobulin gamma Fc region receptor III; FcRIII; anti-mCD16/32 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2.4G2
Purity/Purification	Purified Protein G Chromatography
Form/Format	100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	293
Applicable Applications for anti-mCD16/32 antibody	FCM/FACS (Flow Cytometry)
Antigen	mCD16/32
Immunogen Information	Mouse BALB/c Macrophage J774 Cell Line
Conjugation	Unconjugated
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeat freezing and thawing



FCM/FACS (Flow Cytometry)
Figure-2: Cell surface flowcytometric analysis of mCD16/32 in Mouse Lymph node cells using 0.5 ug/10⁶ cells of mCD16/32 (Clone: 2.4G2). Green represent Isotype control and Red represent Anti-CD16/32 antibody (10-4126). Anti-Rat PE conjugated was used as secondary antibody.



FCM/FACS (Flow Cytometry)
Figure-1: Cell surface flowcytometric analysis of mCD16/32 in Mouse splenocytes using 0.5 ug/10⁶ cells of mCD16/32 (Clone: 2.4G2). Green represent Isotype control and Red represent Anti-CD16/32 antibody (10-4126). Anti-Rat PE conjugated was used as secondary antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-mCD16/32 antibody	Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6857783
NCBI GeneID	14130
NCBI Accession #	NP_034317.1
NCBI GenBank Nucleotide #	NM_010187.2
UniProt Accession #	P08101; P08102; P12316; P97917; Q60938; Q60939; Q60940; Q61170; Q61558
Molecular Weight	~ Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-b isoform 2
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; A1528646; 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

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.