

Mouse CD32B Monoclonal Antibody | anti-CD32B antibody

MOUSE ANTI MOUSE CD32B: FITC

CATALOG # AAA50270	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD32B; Monoclonal Antibody; MOUSE ANTI MOUSE CD32B: FITC; FcRIIB; Fcgr2b; Ly-17; anti-CD32B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	AT130-5
Specificity	Mouse anti Mouse CD32B, clone AT130-5, recognizes mouse CD32B also known as FcRIIB. CD32B (FcRIIB) is a low affinity receptor for IgG1, IgG2a and IgG2b type antibodies. Unlike other FcRs, the intracellular domain of CD32B contains a inhibitory signalling motif (ITIM) that can antagonize signal transduction mediated through other activatory receptors. FcRIIB is expressed on all myeloid populations and on B-cells.
Form/Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Sequence Length	330
Applicable Applications for anti-CD32B antibody	FCM/FACS (Flow Cytometry)
Target Species	Mouse
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃), 1% Bovine Serum Albumin
Buffer Solution	Phosphate buffered saline
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
Immunogen	Mouse CD32-rat CD4 fusion protein
Max Ex/Em	Fluorophore: FITC Excitation Max (nm): 490 Emission Max (nm): 525
Fusion Partners	Spleen cells from immunized mice were fused with cells of the NS-1 myeloma cell line.
Preparation and Storage	Store at +4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2506779
NCBI GeneID	14130

UniProt Accession #	P08101; P08102; P12316; P97917; Q60938; Q60939; Q60940; Q61170; Q61558
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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd32b-antibody-clone-at130-5-flow-cytometry-elisa/50270>