

Rat anti-Mouse CD32B Monoclonal Antibody | anti-CD32B antibody

RAT ANTI MOUSE CD32B

CATALOG # AAA50263	HOST Rat	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry
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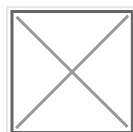
PRODUCT SYNONYMS

CD32B; Monoclonal Antibody; RAT ANTI MOUSE CD32B; anti-CD32B antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	AT130-5R
Specificity	CD32B
Form/Format	Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	330
Applicable Applications for anti-CD32B antibody	IHC (Immunohistochemistry)
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Preservative Stabilisers	0.01% Sodium Azide (NaN ₃)
Buffer Solution	TRIS buffered saline
Immunogen	Mouse CD32-Rat CD4 fusion protein.
Preparation and Storage	It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

IMAGES



Application Data

CD32B staining of acetone-fixed frozen sections of BALB/c WT and CD32B -/- mouse spleen and liver (10um) using a CD32B antibody at 5ug/ml followed by an anti-rat IgG HRP polymer and counterstained with Haematoxylin

ADDITIONAL INFORMATION

Related Product Information for anti-CD32B antibody	Rat anti Mouse CD32B antibody, clone AT130-5R 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 CD32 contains a inhibitory signaling motif (ITIM) that can antagonize signal transduction mediated through other activatory receptors. FcRIIB is expressed on all myeloid populations and on B-cells. Rat anti Mouse CD32B, clone AT130-5R, 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 CD32 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.
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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; 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
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://stage.aaabiotech.com/monoclonal/cd32b-antibody-clone-at130-5r-immunohistochemistry-elisa/50263>