

CD32 Rabbit mAb

Catalog No: #49456

Package Size: #49456-1 50ul #49456-2 100ul

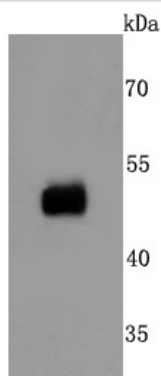
Description

Product Name	CD32 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JM10-70
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	CD32 antibody CD32A antibody CD32B antibody CD32C antibody CDw32 antibody Fc fragment of IgG low affinity IIa receptor antibody Fc fragment of IgG low affinity IIa receptor for (CD32) antibody Fc fragment of IgG low affinity IIb receptor antibody Fc fragment of IgG low affinity IIb receptor for (CD32) antibody Fc fragment of IgG low affinity IIc receptor antibody Fc fragment of IgG low affinity IIc receptor for (CD32) antibody Fc fragment of IgG, low affinity II, receptor for (CD32) antibody Fc fragment of IgG, low affinity IIa, receptor (CD32) antibody Fc fragment of IgG, low affinity IIb, receptor (CD32) antibody Fc gamma receptor IIB antibody Fc gamma receptor IIC antibody Fc gamma RII a antibody Fc gamma RII b antibody Fc gamma RII c antibody Fc gamma RIIb antibody Fc gamma RIIC antibody Fc receptor, IgG, low affinity IIb antibody Fc-gamma RII-a antibody Fc-gamma RII-b antibody Fc-gamma RII-c antibody Fc-gamma-RIIa antibody FC-gamma-RIIB antibody Fc-GAMMA-RIIC antibody Fc[g]RII antibody FCG2 antibody FCG2A_HUMAN antibody FcGR antibody FCGR2 antibody FCGR2A antibody FCGR2A1 antibody FCGR2B antibody FCGR2C antibody Fcgr3 antibody Fcgr3a antibody FcgRII antibody Fcr-2 antibody Fcr-3 antibody FcRII a antibody FCRII antibody FcRII b antibody FcRII c antibody FcRII-a antibody FcRIIC antibody IGFR2 antibody IgG Fc receptor II a antibody IgG Fc receptor II b antibody IgG Fc receptor II beta antibody IgG Fc receptor II c antibody IgG Fc receptor II-a antibody IgG Fc receptor II-b antibody IgG Fc receptor II-c antibody Immunoglobulin G Fc receptor II antibody Immunoglobulin G Fc receptor II c antibody Low affinity immunoglobulin gamma Fc region receptor II antibody Low affinity immunoglobulin gamma Fc region receptor II-a antibody Low affinity immunoglobulin gamma Fc region receptor II-b antibody Low affinity immunoglobulin gamma Fc region receptor II-c antibody Ly-17 antibody Ly-m20 antibody LyM-1 antibody Lymphocyte antigen 17 antibody
Accession No.	Swiss-Prot#:P12318
Calculated MW	45 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

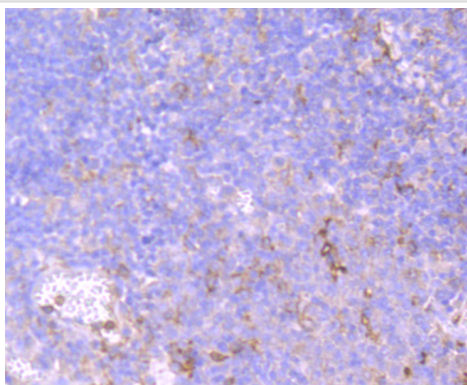
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200

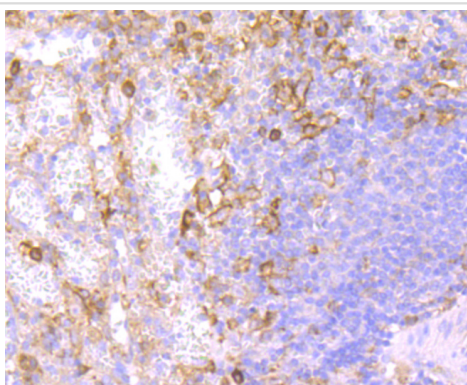
Images



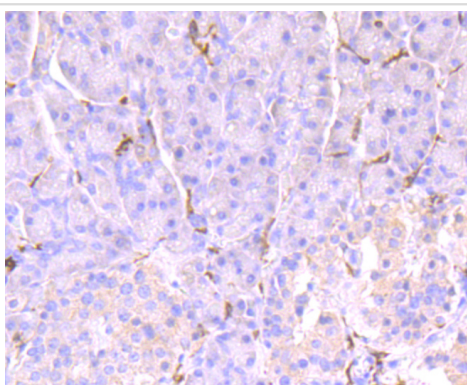
Western blot analysis of CD32 on human lung cells lysates using anti-CD32 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD32 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD32 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-CD32 antibody. Counter stained with hematoxylin.

Background

CD32 (also designated Fc gamma RII) is a low affinity receptor for the Fc fragment of aggregated IgG (1,2). CD32 is responsible for the clearance of immunocomplexes by macrophages and also plays an important role in the regulation of antibody production by B cells (1-4). IgG can noncooperatively bind either one or two highly glycosylated CD32 molecules, and this binding delivers a negative signal for B cells (1,2,5). CD32 exists as several isoforms that are produced by alternative splicing of three distinct genes, A, B, and C (2,6). These isoforms are designated FcγRIIA, FcγRIIB1, FcγRIIB3, and FcγRIIC (1,2,6). All isoforms are present on monocytes, placental trophoblasts and endothelial cells (1,6). In addition, the FcγRIIB forms are present on B lymphocytes, and the FcγRIIA and FcγRIIC forms are found on neutrophils (1,6).

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.