Datasheet for ABIN7266477

anti-CD35 antibody

4 Images

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Overview

Quantity:	100 µL
Target:	CD35 (CR1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD35 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Purpose:	CD35/CR1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CD35/CR1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD35 (CR1)
Alternative Name:	CR1 (CR1 Products)
Background:	This gene is a member of the receptors of complement activation (RCA) family and is located in

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Target Details

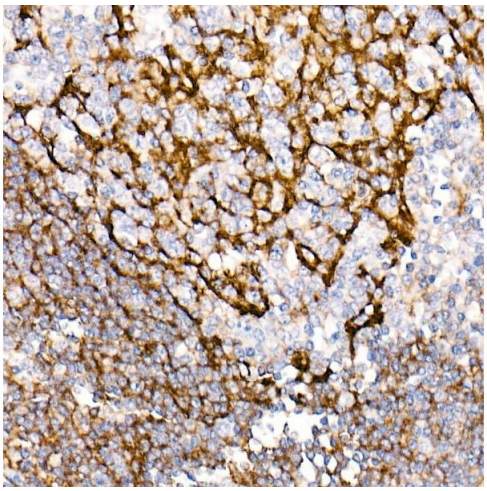
	the 'cluster RCA' region of chromosome 1. The gene encodes a monomeric single-pass type I membrane glycoprotein found on erythrocytes, leukocytes, glomerular podocytes, and splenic follicular dendritic cells. The Knops blood group system is a system of antigens located on this protein. The protein mediates cellular binding to particles and immune complexes that have activated complement. Decreases in expression of this protein and/or mutations in its gene have been associated with gallbladder carcinomas, mesangiocapillary glomerulonephritis, systemic lupus erythematosus and sarcoidosis. Mutations in this gene have also been associated with a reduction in Plasmodium falciparum rosetting, conferring protection against severe malaria. Alternate allele-specific splice variants, encoding different isoforms, have been characterized. Additional allele specific isoforms, including a secreted form, have been described but have not been fully characterized. [provided by RefSeq, Jul 2008],C3BR, C4BR, CD35, KN,CDs,Hematopoietic Progenitors,Immunology & Inflammation,Stem Cells,CR1
Molecular Weight:	280kDa
Gene ID:	1378
UniProt:	P17927
Pathways:	Complement System, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

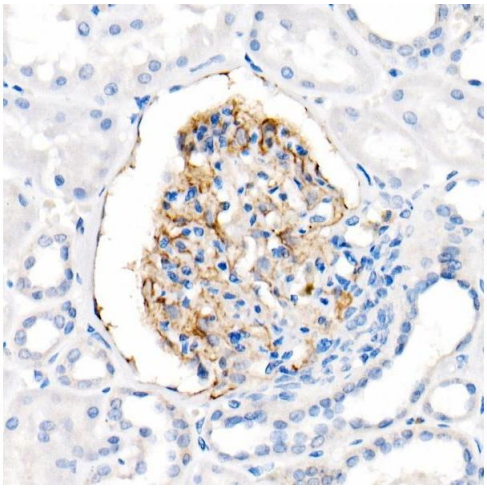
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



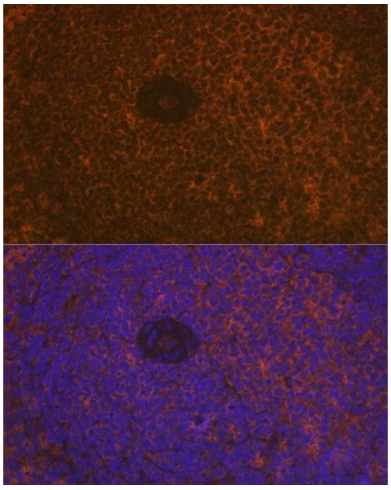
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded Human tonsil using CD35/CR1 antibody (ABIN7266477) at dilution of 50 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded Human kidney using CD35/CR1 antibody (ABIN7266477) at dilution of 50 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence

Image 3. Immunofluorescence analysis of rat spleen using CD35/CR1 Rabbit mAb (ABIN7266477) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 4 images are available for ABIN7266477.

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