



## Rabbit Anti-CD35 antibody

SL10144R

<b>Product Name:</b>	CD35
<b>Chinese Name:</b>	I 型补体受体抗体(C3b/C4b受体抗体)
<b>Alias:</b>	C3 binding protein; C3b/C4b receptor; C3BR; C4BR; CD 35; CD35; CD35 antigen; complement component (3b/4b) receptor 1 (Knops blood group); complement component (3b/4b) receptor 1 including Knops blood group system; Complement component receptor 1; Complement receptor 1; Complement receptor type 1; CR 1; CR1; CR1_HUMAN; KN; Knops blood group antigen.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	274kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CR1/CD35:1301-1400/2039
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene is a member of the receptors of complement activation (RCA) family and is located in 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.

**Function:**

Mediates cellular binding of particles and immune complexes that have activated complement.

**Subunit:**

Monomer.

**Subcellular Location:**

Membrane; Single-pass type I membrane protein.

**Similarity:**

Present on erythrocytes, leukocytes, glomerular podocytes, and splenic follicular dendritic cells.

Similarity : Belongs to the receptors of complement activation (RCA) family. Contains 30 Sushi (CCP/SCR) domains.

**SWISS:**

P17927

**Gene ID:**

1378

**Database links:**

[Entrez Gene: 1378](#) Human

[Omir: 120620](#) Human

[SwissProt: P17927](#) Human

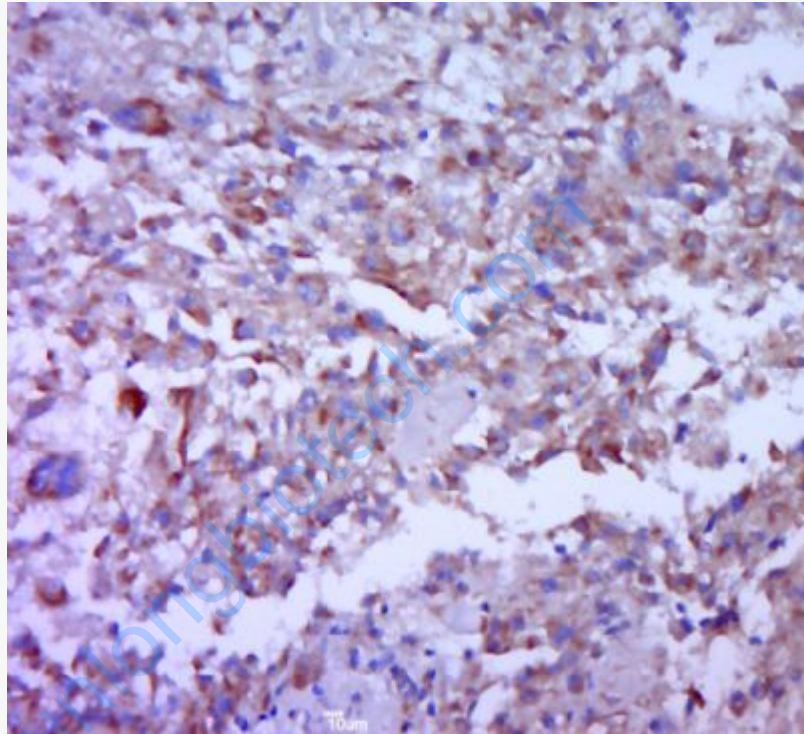
[Unigene: 334019](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human,

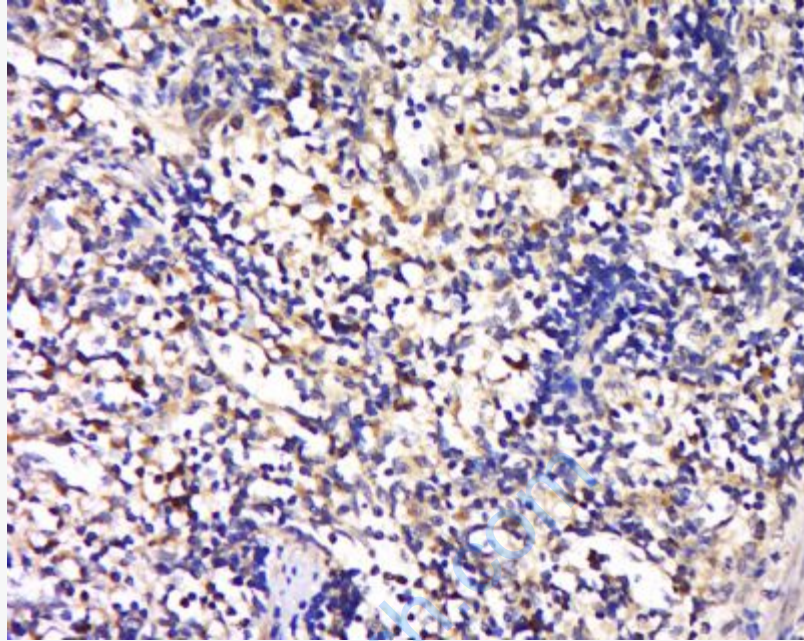
therapeutic or diagnostic applications.

CD35广泛分布于红细胞、粒细胞、单核细胞、肥大细胞、滤泡树突状细胞、肾小球足突细胞、B细胞及部分CD4+T细胞表面.CD35抗原又称为CR1或者C3b/C4b R, 是一种分子量160-250kDa的C3b/C4b补体结合Transmembrane protein, 主要用于滤泡树突状细胞标记和滤泡树突状细胞瘤的诊断。



Picture:

Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD35) Polyclonal Antibody, Unconjugated (SL10144R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Tissue/cell: Rat spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block  
endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer  
(normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-CD35 Polyclonal Antibody, Unconjugated(SL10144R) 1:200,  
overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and  
DAB(C-0010) staining