

I 型补体受体抗体（C3bC4b 受体抗体）

产品货号： mlR10144

英文名称： CD35

中文名称： I 型补体受体抗体（C3b/C4b 受体抗体）

别名： 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.

研究领域： 免疫学 细胞膜受体 淋巴细胞 t-淋巴细胞 b-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 274kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human CR1/CD35:1301-1400/2039

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： 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.

PubMed： PubMed

产品介绍： 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

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 补体结合跨膜蛋白，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。

产品图片

