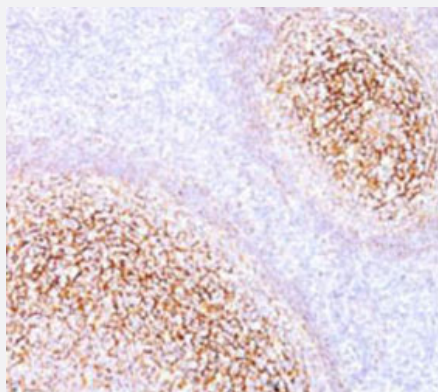


CD35 monoclonal antibody, clone E11

Catalog # MAB11296 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) analysis of human tonsil with CD35 monoclonal antibody, clone E11 (Cat # MAB11296) at 1:200 using peroxidase-conjugate and DAB chromogen (Note: membrane staining).

Specification

Product Description	Mouse monoclonal antibody raised against CD35 (CR1).
Immunogen	Intact human monocytes (Hogg et al, 1984).
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG1, kappa
Recommend Usage	Western Blot (1:100-1:2000) Flow Cytometry (1:10-1:1000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:400) Immunoprecipitation (1:10-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)

Storage Instruction

Store at 4°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) analysis of human tonsil with CD35 monoclonal antibody, clone E11 (Cat # MAB11296) at 1:200 using peroxidase-conjugate and DAB chromogen (Note: membrane staining).

- Flow Cytometry

Gene Info — CR1

Entrez GeneID [1378](#)

Gene Name CR1

Gene Alias C3BR, CD35, KN

Gene Description complement component (3b/4b) receptor 1 (Knops blood group)

Omim ID [120620 607486 611162](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

C3-binding protein|C3b/C4b receptor|CD35 antigen|Knops blood group antigen|complement component receptor 1|complement receptor 1

Pathway

- [Complement and coagulation cascades](#)
- [Hematopoietic cell lineage](#)

Disease

- [Adhesions](#)
- [Alzheimer Disease](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Gallbladder Neoplasms](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hepatitis B](#)
- [HIV Infections](#)
- [Immune Complex Diseases](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Maduromycosis](#)

- [Malaria](#)
- [Myocardial Infarction](#)
- [Neuropsychological Tests](#)
- [Pulmonary Fibrosis](#)
- [Sarcoidosis](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)