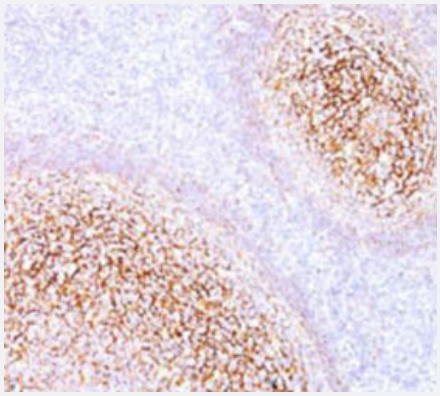
CD35 monoclonal antibody, clone E11

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)

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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 shoul d be handled by trained staff only.

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).

- Flow Cytometry

- Western Blot

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 t he 'cluster RCA' region of chromosome 1. The gene encodes a monomeric single-pass type I me mbrane glycoprotein found on erythrocytes, leukocytes, glomerular podocytes, and splenic follicul ar 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 com plement. Decreases in expression of this protein and/or mutations in its gene have been associat ed with gallbladder carcinomas, mesangiocapillary glomerulonephritis, systemic lupus erythemato sus and sarcoidosis. Mutations in this gene have also been associated with a reduction in Plasm odium falciparum rosetting, conferring protection against severe malaria. Alternate allele-specific splice variants, encoding different isoforms, have been characterized. Additional allele specific is oforms, including a secreted form, have been described but have not been fully characterized. [pr ovided by RefSeq
Other Designations	C3-binding protein|C3b/C4b receptor|CD35 antigen|Knops blood group antigen|complement com ponent receptor 1|complement receptor 1

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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

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- Malaria
- Myocardial Infarction
- Neuropsychological Tests
- Pulmonary Fibrosis
- Sarcoidosis
- Tobacco Use Disorder
- Tuberculosis

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