

Anti-CR1 / CD35 Antibody (clone C35.1)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS18390**Specification**

Anti-CR1 / CD35 Antibody (clone C35.1) - Product Information

| | |
|-------------------|------------------------|
| Application | IHC-P |
| Primary Accession | P17927 |
| Predicted | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1,k |
| Calculated MW | 223663 |

Anti-CR1 / CD35 Antibody (clone C35.1) - Additional Information**Gene ID 1378**Alias Symbol **CR1****Other Names**

CR1, C3b/C4b receptor, C3-binding protein, CD35, C3BR, Knops blood group antigen, C4BR, CD35 antigen, Complement receptor type 1, KN

Target/Specificity

Human CR1 / CD35

Reconstitution & Storage

Purified

Precautions

Anti-CR1 / CD35 Antibody (clone C35.1) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CR1 / CD35 Antibody (clone C35.1) - Protein Information**Name** CR1**Synonyms** C3BR**Function**

Membrane immune adherence receptor that plays a critical role in the capture and clearance of complement-opsonized pathogens by erythrocytes and monocytes/macrophages (PubMed:2963069). Mediates the binding by these cells of particles and immune complexes that have activated complement to eliminate them from the circulation (PubMed:2963069). Acts also in the inhibition of spontaneous complement activation by impairing the formation and function of the alternative and classical pathway C3/C5 convertases, and by serving as a cofactor for the cleavage by factor I of C3b to iC3b, C3c and

C3d,g, and of C4b to C4c and C4d (PubMed:2972794, PubMed:8175757). Also plays a role in immune regulation by contributing, upon ligand binding, to the generation of regulatory T cells from activated helper T cells (PubMed:25742728).

Cellular Location

Membrane; Single- pass type I membrane protein

Tissue Location

Present on erythrocytes, a subset of T cells, mature B cells, follicular dendritic cells, monocytes and granulocytes

Anti-CR1 / CD35 Antibody (clone C35.1) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CR1 / CD35 Antibody (clone C35.1) - Images