

**CD35 Antibody**  
**Rabbit mAb**  
**Catalog # AP92536****Specification****CD35 Antibody - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">P17927</a>
Clonality	<b>Monoclonal</b>
<b>Other Names</b>	
C3BR; C4BR CD35; CR1; Knops blood group antigen;	
Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>223663 Da</b>

**CD35 Antibody - Additional Information**

Dilution	<b>WB~~1:1000</b> <b>IHC~~1:100~500</b>
Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human CD35</b>
Description	<b>Mediates cellular binding of particles and immune complexes that have activated complement.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**CD35 Antibody - 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:<a href="http://www.uniprot.org/citations/2963069" target="\_blank">2963069</a>). Mediates the binding by these cells of particles and immune complexes that have activated complement to eliminate them from the circulation (PubMed:<a href="http://www.uniprot.org/citations/2963069" target="\_blank">2963069</a>). Also acts 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:<a href="http://www.uniprot.org/citations/2972794" target="\_blank">2972794</a>, PubMed:<a href="http://www.uniprot.org/citations/8175757" target="\_blank">8175757</a>).

target="\_blank">8175757</a>). 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:<a href="http://www.uniprot.org/citations/25742728" target="\_blank">25742728</a>).

#### Cellular Location

Membrane; Single- pass type I membrane protein

#### Tissue Location

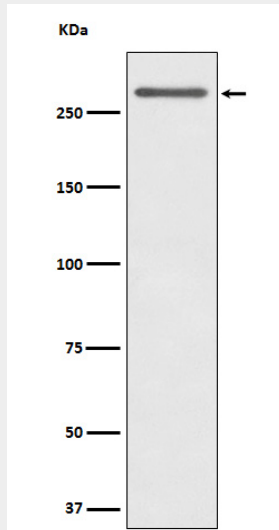
Present on erythrocytes, a subset of T cells, mature B cells, follicular dendritic cells, monocytes and granulocytes

### CD35 Antibody - 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](#)

### CD35 Antibody - Images



Western blot analysis of CD35 expression in Human tonsil cell lysate.