

**Anti-CD35 Rabbit Monoclonal Antibody**  
**Catalog # ABO15436****Specification**

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**Anti-CD35 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC
Primary Accession	<a href="#">P17927</a>
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-CD35 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human.

**Anti-CD35 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 1378

**Other Names**

Complement receptor type 1, C3b/C4b receptor, CD35, CR1, C3BR

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human CD35

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-CD35 Rabbit Monoclonal 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>). 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

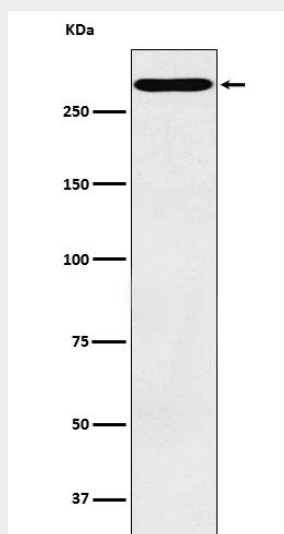
Present on erythrocytes, a subset of T cells, mature B cells, follicular dendritic cells, monocytes and granulocytes

### Anti-CD35 Rabbit Monoclonal Antibody - Protocols

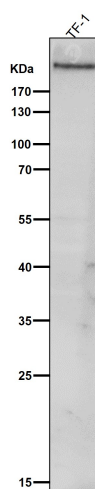
Provided below are standard protocols that you may find useful for product applications.

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

### Anti-CD35 Rabbit Monoclonal Antibody - Images



Western blot analysis of CD35 expression in TF1 cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.