

Anti-CD35 Rabbit Monoclonal Antibody
Catalog # ABO15953**Specification**

Anti-CD35 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	P17927
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-CD35 Rabbit Monoclonal Antibody . Tested in WB, IHC 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

Calculated MW

224-300 kDa KDa

Application Details

WB 1:500-1:2000
IHC 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:2963069). Mediates the binding by these cells of particles and immune complexes that have activated complement to eliminate them from the circulation (PubMed:2963069). 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: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

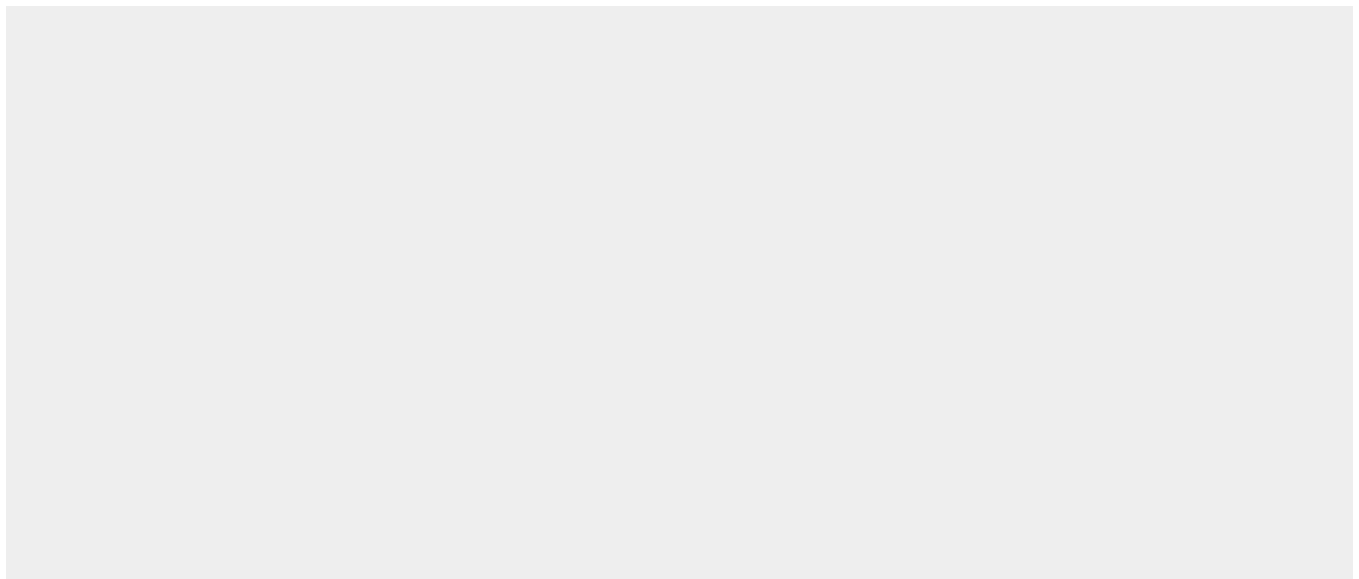
Present on erythrocytes, a subset of T cells, mature B cells, follicular dendritic cells, monocytes and granulocytes

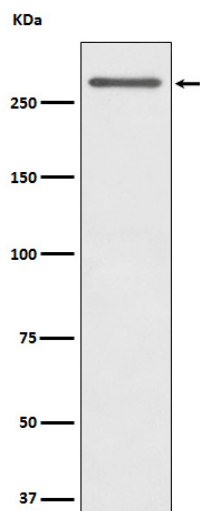
Anti-CD35 Rabbit Monoclonal Antibody - Protocols

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 Human tonsil cell lysate.