

CD35
Rabbit Monoclonal Antibody (Mab)
Catalog # APA421**Specification**

CD35 - Product Information

Application	IHC
Primary Accession	P17927
Host	Rabbit
Clonality	Monoclonal
Calculated MW	223663 Da

CD35 - Additional Information

Gene ID	1378
Gene Name	CR1
Other Names	
Complement receptor type 1, C3b/C4b receptor, CD35, CR1, C3BR	

Dilution

IHC~~1:100~500

Storage**Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.****Precautions****CD35 is for research use only and not for use in diagnostic or therapeutic procedures.****CD35 - Protein Information****Name** CR1Synonyms
Function**C3BR**
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

Cellular Location

Tissue Location

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](#)). Plays also a role in immune regulation by contributing, upon ligand binding, to the generation of regulatory T cells from activated helper T cells (PubMed:[25742728](#)).

Membrane; Single- pass type I membrane protein

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

CD35 - 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 - Images