

Product Name: CD35 (18O19) Rabbit Monoclonal Antibody
Catalog #: AMRe08374

Summary

Production Name	CD35 (18O19) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	CR1
Alternative Names	C3BR; C4BR CD35; CR1; Knops blood group antigen;
Gene ID	1378.0
SwissProt ID	P17927.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	224kDa

Product Name: CD35 (18019) Rabbit Monoclonal Antibody
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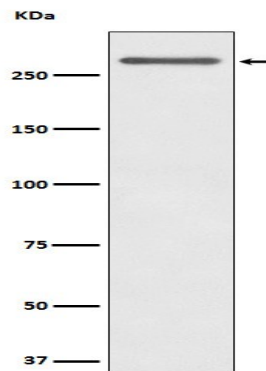


Background

Mediates cellular binding of particles and immune complexes that have activated complement. 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](http://www.uniprot.org/citations/2963069)). Mediates the binding by these cells of particles and immune complexes that have activated complement to eliminate them from the circulation (PubMed: [2963069](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/2972794), PubMed: [8175757](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/25742728)).

Research Area

Image Data



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

Note

For research use only.