

**Product Name: CD35 (4U8) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe08375**

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## Summary

<b>Production Name</b>	CD35 (4U8) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	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.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	CR1
<b>Alternative Names</b>	C3 binding protein; C3b/C4b receptor; C3BR; C4BR; CD35; CR1; KN;
<b>Gene ID</b>	1378.0
<b>SwissProt ID</b>	P17927.

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000
<b>Molecular Weight</b>	224kDa

## Background

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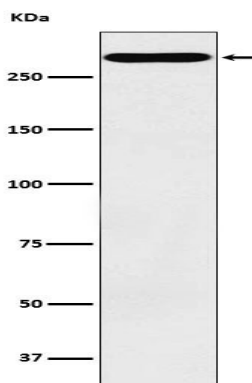
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Mediates cellular binding of particles and immune complexes that have activated complement. Membrane immune adherence receptor that plays a critical role in the capture and clearance of complement-opsonized pathogens by erythrocytes and monocytes/macrophages (PubMed:<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>). 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:<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>). 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:<a href="http://www.uniprot.org/citations/25742728" target="\_blank">25742728</a>).

## Research Area

## Image Data



Western blot analysis of CD35 expression in TF1 cell lysate.

## Note

For research use only.