

**CD55 Rabbit mAb**  
**Catalog # AP75232****Specification**

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**CD55 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P08174</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>41400</b>

**CD55 Rabbit mAb - Additional Information****Gene ID** 1604**Other Names**  
CD55**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**CD55 Rabbit mAb - Protein Information****Name** CD55**Synonyms** CR, DAF**Function**

This protein recognizes C4b and C3b fragments that condense with cell-surface hydroxyl or amino groups when nascent C4b and C3b are locally generated during C4 and c3 activation. Interaction of daf with cell-associated C4b and C3b polypeptides interferes with their ability to catalyze the conversion of C2 and factor B to enzymatically active C2a and Bb and thereby prevents the formation of C4b2a and C3bBb, the amplification convertases of the complement cascade (PubMed:<a href="http://www.uniprot.org/citations/7525274" target="\_blank">7525274</a>). Inhibits complement activation by destabilizing and preventing the formation of C3 and C5 convertases, which prevents complement damage (PubMed:<a href="http://www.uniprot.org/citations/28657829" target="\_blank">28657829</a>).

**Cellular Location**

[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 3]: Secreted [Isoform 5]: Secreted [Isoform 7]: Cell membrane; Lipid-anchor, GPI-anchor

**Tissue Location**

Expressed on the plasma membranes of all cell types that are in intimate contact with plasma

complement proteins. It is also found on the surfaces of epithelial cells lining extracellular compartments, and variants of the molecule are present in body fluids and in extracellular matrix

### CD55 Rabbit mAb - 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](#)

### CD55 Rabbit mAb - Images

