

CD55 Rabbit mAb

Catalog # AP75232

Product Information

Application	WB
Primary Accession	P08174
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	41400

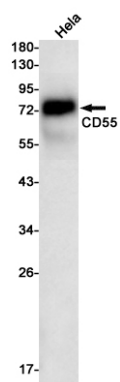
Additional Information

Gene ID	1604
Other Names	CD55
Dilution	WB~~1/500-1/1000
Format	Liquid

Protein Information

Name	CD55
Synonyms	CR, DAF
Function	<p>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:7525274). Inhibits complement activation by destabilizing and preventing the formation of C3 and C5 convertases, which prevents complement damage (PubMed:28657829).</p>
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	<p>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</p>

Images



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