

Product datasheet for **TA308396**

CD55 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 71 and 330 of CD55 (Uniprot ID#P08174)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	CD55 molecule (Cromer blood group)
Database Link:	NP_001108224 Entrez Gene 1604 Human P08174



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Background:

This gene encodes a protein involved in the regulation of the complement cascade. The encoded glycoprotein is also known as the decay-accelerating factor (DAF); binding of DAF to complement proteins accelerates their decay, disrupting the cascade and preventing damage to host cells. Antigens present on the DAF glycoprotein constitute the Cromer blood group system (CROM). Two alternatively spliced transcripts encoding different proteins have been identified. The predominant transcript encodes a membrane-bound protein expressed on cells exposed to plasma component proteins but an alternatively spliced transcript produces a soluble protein present at much lower levels. Additional, alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]

Synonyms:

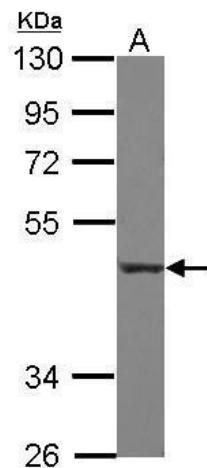
CR; CROM; DAF; TC

Protein Families:

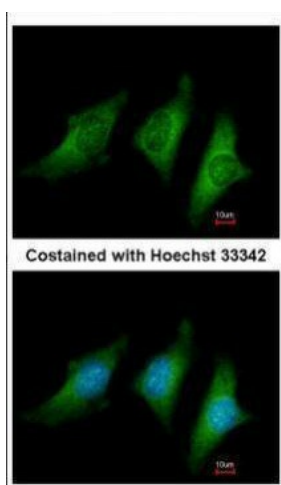
Druggable Genome

Protein Pathways:

Complement and coagulation cascades, Hematopoietic cell lineage, Viral myocarditis

Product images:

Sample (30 ug of whole cell lysate). A: THP-1. 10% SDS PAGE. TA308396 diluted at 1:1000.



Immunofluorescence analysis of methanol-fixed HeLa, using CD55 (TA308396) antibody at 1:200 dilution.