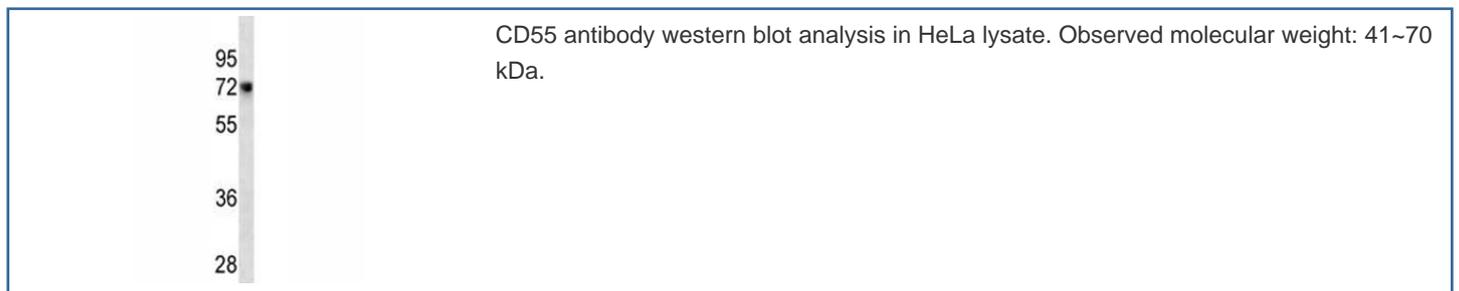


CD55 Antibody [clone 561CT4.2.3] (F40384)

Catalog No.	Formulation	Size
F40384-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40384-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	561CT4.2.3
Purity	Purified
UniProt	P08174
Applications	Western Blot : 1:100
Limitations	This CD55 antibody is available for research use only.



Description

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].

Application Notes

Titration of the CD55 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 51-79 from the human protein was used as the immunogen for this CD55 antibody.

Storage

Aliquot the CD55 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.