

Complement C3 Rabbit mAb

Catalog No: #59783

Package Size: #59783-1 50ul #59783-2 100ul

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Description

Product Name	Complement C3 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	C3 / C3a Antibody detects endogenous levels of total C3 / C3a
Immunogen Description	A synthesized peptide derived from human C3 / C3a
Other Names	AHUS5; ARMD9; ASP; C3; C3adesArg; C3bc; CPAMD1; Plp;
Accession No.	Uniprot:P01024
Calculated MW	Predicted band size: 187 kDa
SDS-PAGE MW	Observed band size: 187 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

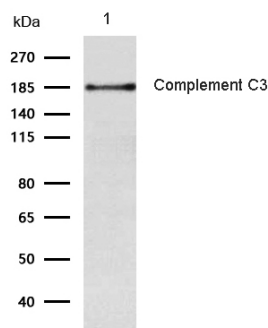
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: Complement C3 Rabbit mAb at 1/1k dilution

Lane 1 : Human plasma lysates
Lysates/proteins at 20 µg per lane.

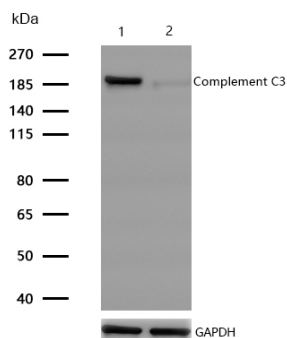
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 187 kDa

Observed band size: 187 kDa

Exposure time: 7 seconds

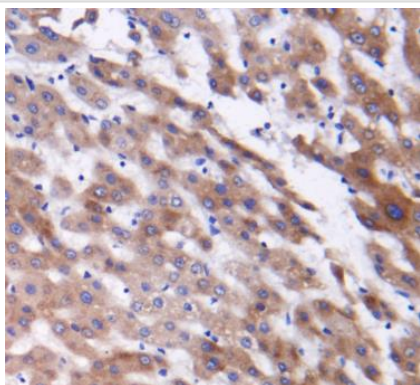


All lanes: Complement C3 Rabbit mAb at 1/1k dilution

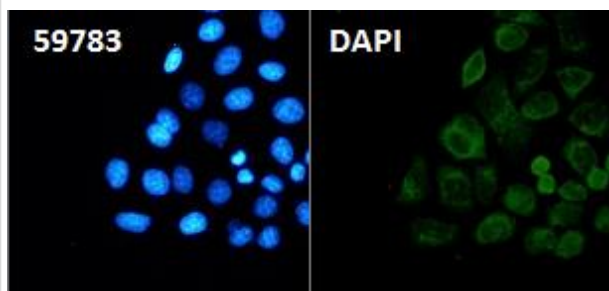
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : Complement C3 Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human liver tissue stained for Complement C3 using 59783 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Complement C3 antibody (59783) ICC/IF staining of Complement C3 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59783 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.