

C3 Antibody
Rabbit mAb
Catalog # AP91124

Specification

C3 Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	P01024
Clonality	Monoclonal
Other Names	
AHUS5; ARMD9; ASP; Complement C3; Complement factor 3; CPAMD1; HEL S 62p;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	187148 Da

C3 Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human C3
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

C3 Antibody - Protein Information

Name C3 {ECO:0000303|PubMed:2579379, ECO:0000312|HGNC:HGNC:1318}

Function

Precursor of non-enzymatic components of the classical, alternative, lectin and GZMK complement pathways, which consist in a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system.

Cellular Location

Secreted. [C3a anaphylatoxin]: Secreted

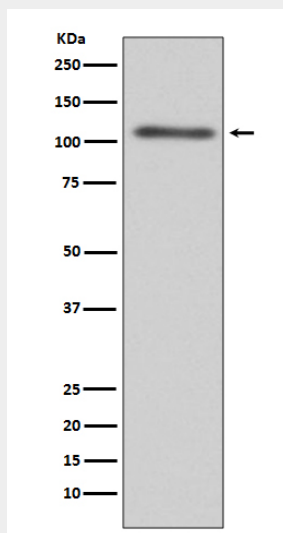
Tissue Location

Plasma..

C3 Antibody - 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](#)

C3 Antibody - Images

Western blot analysis of C3 expression in HepG2 cell lysate.