

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



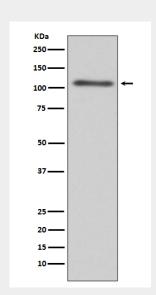
Tissue Location Plasma..

C3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

C3 Antibody - Images



Western blot analysis of C3 expression in HepG2 cell lysate.