

Anti-C3/Complement C3 Rabbit Monoclonal Antibody
Catalog # ABO13218**Specification****Anti-C3/Complement C3 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IF, ICC, FC
Primary Accession	P01024
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-C3/Complement C3 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

Anti-C3/Complement C3 Rabbit Monoclonal Antibody - Additional Information

Gene ID 718

Other Names

Complement C3, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1, Complement C3 beta chain, C3-beta-c, C3bc, Complement C3 alpha chain, C3a anaphylatoxin, Acylation stimulating protein, ASP, C3adesArg, Complement C3b alpha' chain, Complement C3c alpha' chain fragment 1, Complement C3dg fragment, Complement C3g fragment, Complement C3d fragment, Complement C3f fragment, Complement C3c alpha' chain fragment 2, C3, CPAMD1

Calculated MW

187148 MW KDa

Application Details

WB 1:500-1:2000
ICC/IF 1:50-1:200
FC 1:20

Subcellular Localization

Secreted.

Tissue Specificity

Plasma. The acylation stimulating protein (ASP) is expressed in adipocytes and released into the plasma during both the fasting and postprandial periods..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human C3

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-C3/Complement C3 Rabbit Monoclonal 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

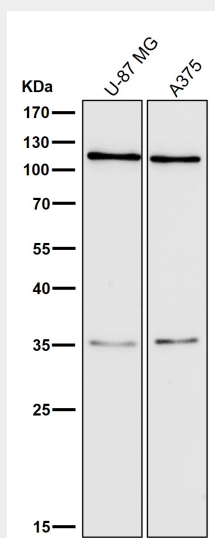
Tissue Location

Plasma..

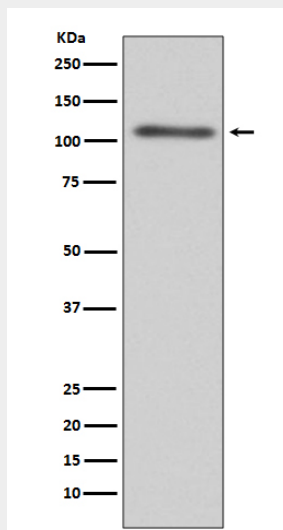
Anti-C3/Complement C3 Rabbit Monoclonal Antibody - Protocols

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](#)

Anti-C3/Complement C3 Rabbit Monoclonal Antibody - Images

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of C3 expression in HepG2 cell lysate.