

C4BP / C4b-Binding Protein Antibody (clone 10-07)
Mouse Monoclonal Antibody
Catalog # ALS12182**Specification**

C4BP / C4b-Binding Protein Antibody (clone 10-07) - Product Information

Application	IHC
Primary Accession	P04003
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

C4BP / C4b-Binding Protein Antibody (clone 10-07) - Additional Information**Gene ID** 722**Other Names**

C4b-binding protein alpha chain, C4bp, Proline-rich protein, PRP, C4BPA, C4BP

Target/Specificity

Recognizes complement component 4 binding protein (C4bp). There are three variants of C4bp, composed of alpha and beta chains. The predominant form is a 570 kD complex of 7 alpha chains and 1 beta chain. The other complexes formed are a 530 kD homohe ...

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing. Store undiluted.

Precautions

C4BP / C4b-Binding Protein Antibody (clone 10-07) is for research use only and not for use in diagnostic or therapeutic procedures.

C4BP / C4b-Binding Protein Antibody (clone 10-07) - Protein Information**Name** C4BPA**Synonyms** C4BP**Function**

Controls the classical pathway of complement activation. It binds as a cofactor to C3b/C4b inactivator (C3bINA), which then hydrolyzes the complement fragment C4b. It also accelerates the degradation of the C4bC2a complex (C3 convertase) by dissociating the complement fragment C2a. Alpha chain binds C4b. It interacts also with anticoagulant protein S and with serum amyloid P component.

Cellular Location

Secreted.

Tissue Location

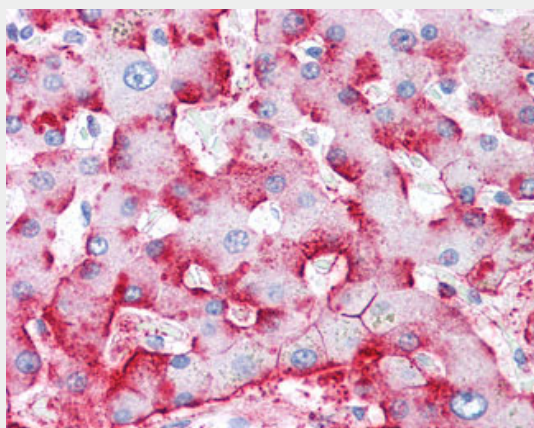
Chylomicrons in the plasma.

C4BP / C4b-Binding Protein Antibody (clone 10-07) - 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](#)

C4BP / C4b-Binding Protein Antibody (clone 10-07) - Images



Anti-C4BP / C4b-Binding Protein antibody IHC of human liver.