10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

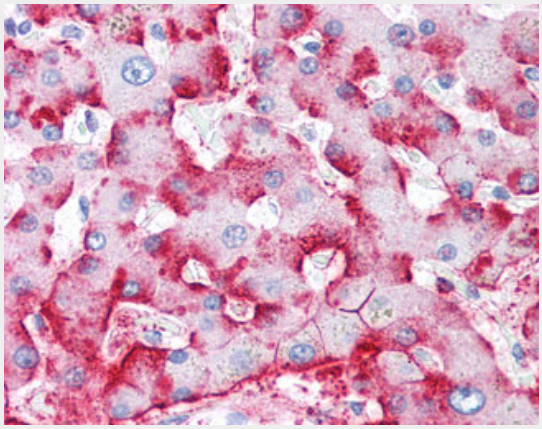
Chylomicrons in the plasma.

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 Cytomety
- Cell Culture

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



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