

Product Datasheet

C4 binding protein A Antibody (44111) NBP1-40059

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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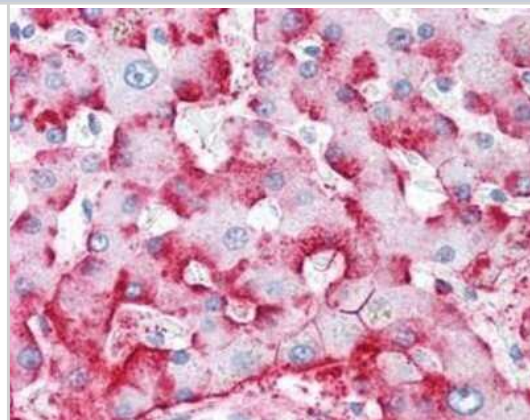
NBP1-40059

C4 binding protein A Antibody (44111)

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	44111
Preservative	0.1% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	Borate buffered saline
Product Description	
Host	Mouse
Gene ID	722
Gene Symbol	C4BPA
Species	Human
Specificity/Sensitivity	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 homoheptamer of alpha chains or a 500 kD complex of 6 alpha chains and 1 beta chain. C4bp regulates the activation of the classical complement pathway. It is a cofactor to the C3b/C4b inactivator, crucial to the proteolytic cleavage of C4b and important in cleavage of C3b. C4bp also regulates the C4bC2a complex (C3 convertase), accelerating its degradation by dissociating the complement fragment C2a. Both the C4bp alpha and beta chains interact with anticoagulant protein S and C4bp alpha binds protein S. C4bp is expressed in the blood serum.
Immunogen	Native human C4 binding protein A.
Product Application Details	
Applications	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA 1:100 - 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/ml

Images

Immunohistochemistry-Paraffin: C4 binding protein A Antibody (42650) [NBP1-40059] - Analysis of anti-C4BP / C4b-Binding Protein antibody with human liver at concentration 5 ug/ml.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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