

# Product Datasheet

## C4 binding protein A Antibody (39728) NB100-62416

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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**NB100-62416**

C4 binding protein A Antibody (39728)

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	39728
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	BBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	722
<b>Gene Symbol</b>	C4BPA
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human. Not yet tested in other species.
<b>Specificity/Sensitivity</b>	This product recognises complement component 4 binding protein (C4bp). There are three variants of C4bp, composed of alpha and beta chains. The predominant form is a 570 kDa complex of 7 alpha chains and 1 beta chain. The other complexes formed are a 530 kDa homoheptamer of alpha chains or a 500 kDa 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.
<b>Immunogen</b>	Native human C4 binding protein
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA 1:100-1:2000





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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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