

# Product Datasheet

## C4 binding protein B Antibody (1G9) - Azide and BSA Free H00000725-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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**H00000725-M01**

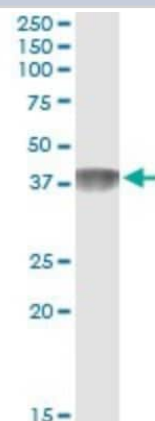
C4 binding protein B Antibody (1G9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G9
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	725
Gene Symbol	C4BPB
Species	Human
Specificity/Sensitivity	C4BPB - complement component 4 binding protein, beta (1G9)
Immunogen	C4BPB (AAH05378, 1 a.a. ~ 251 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MFFWCACCLMVAWRVSASDEHCPPELPPVDNSIFVAKEVEGQILGTYVCIKGYH LVGKKTLFCNASKEWDNTTTECRLGHCPDPVLVNGEFSSSGPVNVSDKITFMC NDHYILKGSNRSQCLEDHTWAPPFPICKSRDCDPPGNPVHGYFEGNNFTLGST ISYYCEDRYYLVGVEQQCVDGEWSSALPVCKLIQEAPKPECEKALLAFQESK NLCEAMENFMQQLKESGMTMEELKYSLELKKAEKAKLL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunoprecipitation, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

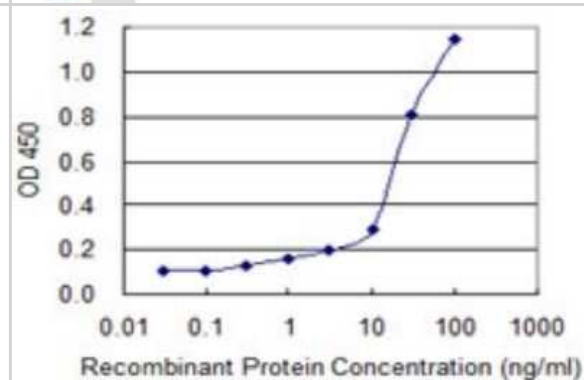


## Images

Immunoprecipitation: C4 binding protein B Antibody (1G9) [H00000725-M01] - Analysis of C4BPB transfected lysate using anti-C4BPB monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with C4BPB MaxPab rabbit polyclonal antibody.



Sandwich ELISA: C4 binding protein B Antibody (1G9) [H00000725-M01] - Detection limit for recombinant GST tagged C4BPB is 0.1 ng/ml as a capture antibody.



## Publications

Wells B, Burgess ST, Nisbet AJ. Characterization of the ovine complement 4 binding protein-beta (C4BPB) chain as a serum biomarker for enhanced diagnosis of sheep scab. Mol Cell Probes. 2013-06-01 [PMID: 23542335]

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**Products Related to H00000725-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-98876-100ug	Recombinant Human C4 binding protein B His Protein

**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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