

# Product Datasheet

## MYBPC1 Antibody (3G4) - Azide and BSA Free H00004604-M01

Unit Size: 0.1 mg

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

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**H00004604-M01**

MYBPC1 Antibody (3G4) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3G4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4

**Product Description**

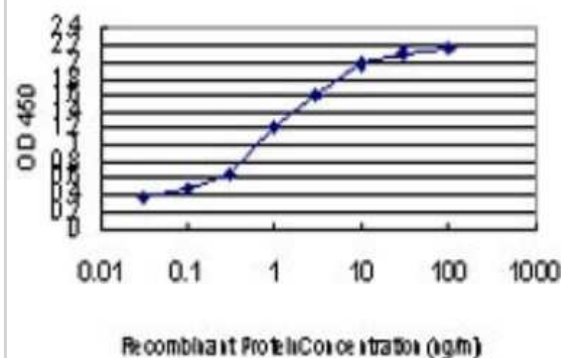
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	4604
<b>Gene Symbol</b>	MYBPC1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	MYBPC1 - myosin binding protein C, slow type
<b>Immunogen</b>	MYBPC1 (NP_996556, 506 a.a. ~ 603 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. DAYNVTLPAAKVHVIDPPKIILDGLDADNTVTVIAGNKLRLLEIPISGEPPPKAMWSR GDKAIMEGSGRIRTESYPDSSTLVIDIAERDDSGVYHINLKN
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Sandwich ELISA
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

**Images**

Sandwich ELISA: MYBPC1 Antibody (3G4) [H00004604-M01] -  
Detection limit for recombinant GST tagged MYBPC1 is approximately  
0.03ng/ml as a capture antibody.



## Publications

Ackermann MA, Kontrogianni-Konstantopoulos A. Myosin Binding Protein C Slow is a Novel Substrate for Protein Kinase A (PKA) and C (PKC) in Skeletal Muscle. J Proteome Res. 2011-09-04 [PMID: 21888435]

Ackermann MA, Kontrogianni-Konstantopoulos A. Myosin binding protein-C slow: an intricate subfamily of proteins. J Biomed Biotechnol 2010:652065. 2010-01-01 [PMID: 20396395]





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### **Products Related to H00004604-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)
H00004604-Q01-10ug	Recombinant Human MYBPC1 GST (N-Term) 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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