

MYBPC1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant MYBPC1.****Catalog # AT2944a****Specification**

MYBPC1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q00872
Other Accession	NM_206820
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	128294

MYBPC1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 4604**Other Names**

Myosin-binding protein C, slow-type, Slow MyBP-C, C-protein, skeletal muscle slow isoform, MYBPC1, MYBPCS

Target/Specificity

MYBPC1 (NP_996556, 506 a.a. ~ 603 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

MYBPC1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

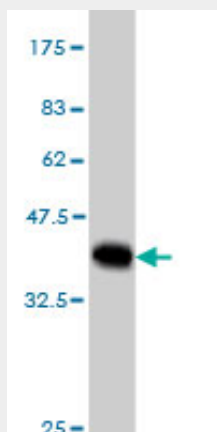
MYBPC1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

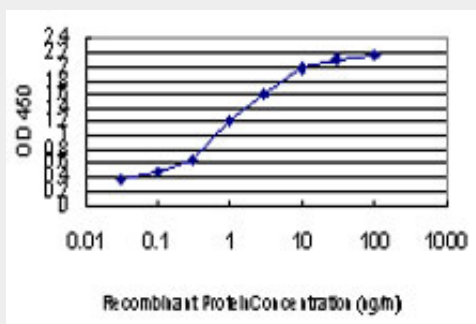
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MYBPC1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 kDa) .



Detection limit for recombinant GST tagged MYBPC1 is approximately 0.03ng/ml as a capture antibody.

MYBPC1 Antibody (monoclonal) (M01) - References

1. Myosin Binding Protein C Slow is a Novel Substrate for Protein Kinase A (PKA) and C (PKC) in Skeletal Muscle. Ackermann MA, Kontogianni-Konstantopoulos A. J Proteome Res. 2011 Sep 4. [Epub ahead of print]
2. Myosin Binding Protein-C Slow: An Intricate Subfamily of Proteins. Ackermann MA, Kontogianni-Konstantopoulos A. J Biomed Biotechnol. 2010;2010:652065. Epub 2010 Apr 8.