



# MYBPC2 blocking peptide (CDBP5773)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the myosin-binding protein C family. This family includes the fast-, slow- and cardiac-type isoforms, each of which is a myosin-associated protein found in the cross-bridge-bearing zone (C region) of A bands in striated muscle. The protein encoded by this locus is referred to as the fast-type isoform. Mutations in the related but distinct genes encoding the slow-type and cardiac-type isoforms have been associated with distal arthrogryposis, type 1 and hypertrophic cardiomyopathy, respectively. [provided by RefSeq, Jul 2012]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MYBPC2 myosin binding protein C, fast type [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MYBPC2
<b>Synonyms</b>	MYBPC2; myosin binding protein C, fast type; MYBPC; MYBPCF; myosin-binding protein C, fast-type; fast MyBP-C; C-protein, skeletal muscle fast isoform; fast-type muscle myosin-binding-protein C

<b>Entrez Gene ID</b>	<a href="#">4606</a>
<b>mRNA Refseq</b>	<a href="#">NM_004533</a>
<b>Protein Refseq</b>	<a href="#">NP_004524</a>
<b>UniProt ID</b>	Q14324
<b>Pathway</b>	Muscle contraction; Striated Muscle Contraction
<b>Function</b>	actin binding; protein binding; structural constituent of muscle