

MYL9 rabbit monoclonal antibody

Catalog # H00010398-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MYL9 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MYL9 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MYL9 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	<ol style="list-style-type: none"> Customer may provide cell or tissue lysate for antibody screening. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MYL9

Entrez GeneID	10398
GeneBank Accession#	MYL9
Gene Name	MYL9
Gene Alias	LC20, MGC3505, MLC2, MRLC1, MYRL2
Gene Description	myosin, light chain 9, regulatory
Omim ID	609905
Gene Ontology	Hyperlink
Gene Summary	Myosin, a structural component of muscle, consists of two heavy chains and four light chains. The protein encoded by this gene is a myosin light chain that may regulate muscle contraction by modulating the ATPase activity of myosin heads. The encoded protein binds calcium and is activated by myosin light chain kinase. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000030857 myosin RLC myosin regulatory light chain 2, smooth muscle isoform myosin regulatory light chain 9 myosin, light polypeptide 9, regulatory

Pathway

- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)
- [Tight junction](#)
- [Vascular smooth muscle contraction](#)