

# MYL1 rabbit monoclonal antibody

Catalog # H00004632-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human MYL1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MYL1 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MYL1 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	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — MYL1

Entrez GeneID	<a href="#">4632</a>
GeneBank Accession#	<a href="#">MYL1</a>
Gene Name	MYL1
Gene Alias	MLC1F, MLC3F
Gene Description	myosin, light chain 1, alkali; skeletal, fast
Omim ID	<a href="#">160780</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain expressed in fast skeletal muscle. Two transcript variants have been identified for this gene. [provided by RefSeq]
Other Designations	A1 catalytic A2 catalytic OTTHUMP00000163942 fast skeletal myosin alkali light chain 1 myosin, light polypeptide 1, alkali; skeletal, fast