

MYL5 rabbit monoclonal antibody

Catalog # H00004636-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MYL5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MYL5 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 MYL5 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) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MYL5

Entrez GeneID	4636
GeneBank Accession#	MYL5
Gene Name	MYL5
Gene Alias	-
Gene Description	myosin, light chain 5, regulatory
Omim ID	160782
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes one of the myosin light chains, a component of the hexameric ATPase cellular motor protein myosin. Myosin is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene product, one of the regulatory light chains, is expressed in fetal muscle and in adult retina, cerebellum, and basal ganglia. [provided by RefSeq]</p>
Other Designations	myosin regulatory light chain 5 myosin, light polypeptide 5, regulatory superfast myosin regulatory light chain 2

Pathway

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