

Mouse Myosin Light Chain 1 Monoclonal Antibody | anti-MYL1 antibody

Myosin Light Chain 1 antibody

CATALOG # AAA74350	HOST Mouse	REACTIVITY Murine myosin light chain 1	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Myosin Light Chain 1; Monoclonal Antibody; Myosin Light Chain 1 antibody; Monoclonal Myosin Light Chain 1; Anti-Myosin Light Chain 1; anti-MYL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Murine myosin light chain 1
Clonality	Monoclonal
Isotype	IgG
Clone Number	M02011011
Specificity	Murine myosin light chain 1
Form/Format	PBS, pH 7.5, with 0.1% NaN ₃ .
Sequence Length	44
Applicable Applications for anti-MYL1 antibody	ELISA
Biological Significance	Myosins comprise a family of ATP-dependent motor proteins and are best known for their role in muscle contraction and their involvement in a wide range of other eukaryotic motility processes. They are responsible for actin-based motility. The term was originally used to describe a group of similar ATPases found in striated and smooth muscle cells.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Myosin light chain 1 antibody was raised in mouse using myosin light chain-1 as the immunogen.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-MYL1 antibody	Mouse monoclonal Myosin Light Chain 1 antibody
Product Categories/Family for anti-MYL1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	188573
NCBI GeneID	4632
UniProt Accession #	P05976 ; P06741 ; Q6IBD5 ; B2R4N6 ; B2R4T6
Molecular Weight	16,684 Da

NCBI Official Full Name	myosin light chain 1, partial
NCBI Official Synonym Full Names	myosin, light chain 1, alkali; skeletal, fast
NCBI Official Symbol	MYL1
NCBI Official Synonym Symbols	MLC1F; MLC3F
NCBI Protein Information	myosin light chain 1/3, skeletal muscle isoform
UniProt Protein Name	Myosin light chain 1/3, skeletal muscle isoform
UniProt Gene Name	MYL1
UniProt Synonym Gene Names	MLC1/MLC3; MLC1F/MLC3F; Myosin light chain A1/A2
UniProt Entry Name	MYL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/myosin-light-chain-1-antibody-clone-m02011011-elisa/74350>