

Mouse MYL3 Monoclonal Antibody | anti-MYL3 antibody

MYL3 antibody

CATALOG # AAA74816	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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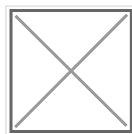
PRODUCT SYNONYMS

MYL3; Monoclonal Antibody; MYL3 antibody; Monoclonal MYL3; Anti-MYL3; VLC1; MYL-3; Myosin Light Chain 3 Alkali Ventricular Skeletal Slow; MLC1V; CMH8; MYL 3; anti-MYL3 antibody

PRODUCT SPECIFICATIONS

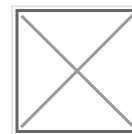
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7C1
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	195
Applicable Applications for anti-MYL3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Biological Significance	MYL3 encodes myosin light chain 3, an alkali light chain also referred to in the literature as both the ventricular isoform and the slow skeletal muscle isoform.
Cross-Reactivity	Human
Immunogen	MYL3 antibody was raised in Mouse using a purified recombinant fragment of MYL3 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human skeletal muscle (left) and cardiac muscle (right) using MYL3 antibody with DAB staining.



WB (Western Blot)

Western Blot showing MYL3 (1) and MYL2 (2) antibody used against rat fetal heart tissues lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MYL3 antibody	Mouse monoclonal MYL3 antibody
Product Categories/Family for anti-MYL3 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557777
NCBI GeneID	4634
NCBI Accession #	NP_000249.1
NCBI GenBank Nucleotide #	NM_000258.2
UniProt Accession #	P08590; Q9NRS8; B2R534
Molecular Weight	21,932 Da
NCBI Official Full Name	myosin light chain 3
NCBI Official Synonym Full Names	myosin, light chain 3, alkali; ventricular, skeletal, slow
NCBI Official Symbol	MYL3
NCBI Official Synonym Symbols	CMH8; VLC1; MLC1V; MLC1SB
NCBI Protein Information	myosin light chain 3
UniProt Protein Name	Myosin light chain 3
UniProt Gene Name	MYL3
UniProt Synonym Gene Names	CMLC1; MLC1SB
UniProt Entry Name	MYL3_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/myl3-antibody-clone-7c1-western-blot-immunohistochemistry-elisa/74816>