

Mouse anti-Human MYL3 Monoclonal Antibody | anti-MYL3 antibody

MYL3 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320169	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MYL3; Monoclonal Antibody; MYL3 Monoclonal Antibody; Myosin light chain 3; Cardiac myosin light chain 1; CMLC1; Myosin light chain 1; slow-twitch muscle B/ventricular isoform; MLC1SB; Ventricular/slow twitch myosin alkali light chain; anti-MYL3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	MYL3 Monoclonal Antibody detects endogenous levels of MYL3 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-MYL3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of MYL3 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human Heart tissues with AEC staining using MYL3 Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using MYL3 Monoclonal Antibody against rat fetal heart tissues lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MYL3 antibody	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. Mutations in MYL3 have been identified as a cause of mid-left ventricular chamber type hypertrophic cardiomyopathy. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-MYL3 antibody	Primary Antibodies

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; CMLC1; cardiac myosin light chain 1; ventricular/slow twitch myosin alkali light chain; myosin light chain 1, slow-twitch muscle B/ventricular isoform; myosin, light polypeptide 3, alkali; ventricular, skeletal, slow
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-immunofluorescence-immunohistochemistry-western-blot-elisa/320169>