

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

Mouse anti-Myosin Light Chain 1 Monoclonal Antibody [39-15]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213526	Mouse	Human, Mouse	Immunohistochemistry, Western Blot

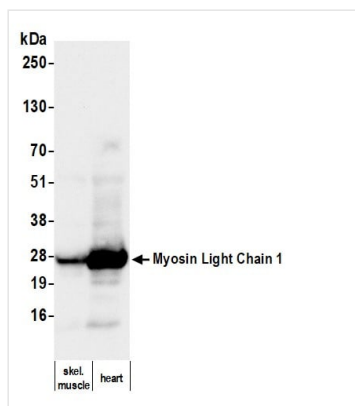
PRODUCT SYNONYMS

Myosin Light Chain 1; Monoclonal Antibody; Mouse anti-Myosin Light Chain 1 Monoclonal Antibody [39-15]; myosin light chain A1/A2; A1 catalytic; skeletal; fast; myosin; light polypeptide 1; alkali; light chain 1; myosin light chain alkali 1/2; myosin light chain 1/3; skeletal muscle isoform; MLC3F; MLC1F/MLC3F; MLC1F; A2 catalytic; MLC1/MLC3; Myosin light chain 1/3; myosin light chain 1; anti-MYL1 antibody

PRODUCT SPECIFICATIONS

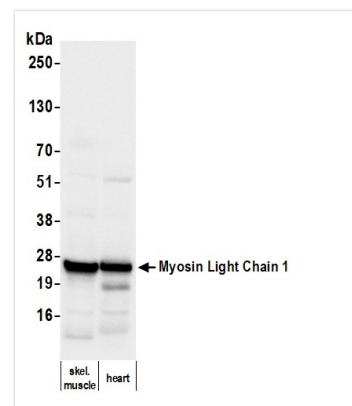
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	39-15
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for anti-MYL1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Human Myosin Light Chain 1
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



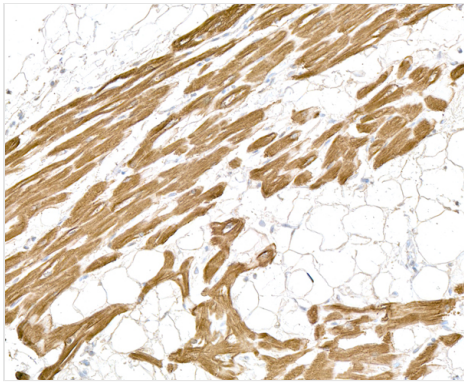
WB (Western Blot)

Detection of mouse Myosin Light Chain 1 by western blot. Samples: Tissue lysate (50 ug) from mouse skeletal muscle and heart. Antibody: Mouse anti-Myosin Light Chain 1 monoclonal antibody [39-15] (AAA213526 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-mouse IgG. Detection: Chemiluminescence with an exposure time of 3 seconds.



WB (Western Blot)

Detection of human Myosin Light Chain 1 by western blot. Samples: Tissue lysate (50 ug) from human skeletal muscle and heart. Antibody: Mouse anti-Myosin Light Chain 1 monoclonal antibody [39-15] (AAA213526 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-mouse IgG. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human Myosin Light Chain 1 by immunohistochemistry. Sample: FFPE section of human cardiac muscle. Antibody: Mouse anti-Myosin Light Chain 1 monoclonal antibody [39-15] (AAA213526 lot 1). Secondary: HRP-conjugated goat anti-mouse IgG .

IHC (Immunohistochemistry)

Detection of human Myosin Light Chain 1 by immunohistochemistry. Sample: FFPE section of human skeletal muscle. Antibody: Mouse anti-Myosin Light Chain 1 monoclonal antibody [39-15] (AAA213526 lot 1). Secondary: HRP-conjugated goat anti-mouse IgG .

ADDITIONAL INFORMATION

Related Product Information for anti-MYL1 antibody	Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two non-regulatory alkali light chains, and two regulatory light chains. Myosin Light Chain 1 is a myosin alkali light chain expressed in fast skeletal muscle. [taken from NCBI Entrez Gene (Gene ID: 4632)].
Product Categories/Family for anti-MYL1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	17986273
NCBI GeneID	4632
NCBI Accession #	NP_524144.1
NCBI GenBank Nucleotide #	NM_079420.2
UniProt Accession #	P05976; P06741; Q6IBD5; B2R4N6; B2R4T6
Molecular Weight	21,145 Da
NCBI Official Full Name	myosin light chain 1/3, skeletal muscle isoform isoform 1f
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; MLC1/MLC3; MLC1F/MLC3F; A1 catalytic; A2 catalytic; myosin light chain A1/A2; myosin light chain alkali 1/2; myosin, light polypeptide 1, alkali; skeletal, fast
UniProt Protein Name	Myosin light chain 1/3, skeletal muscle isoform
UniProt Gene Name	MYL1
UniProt Synonym Gene Names	MLC1/MLC3; MLC1F/MLC3F
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-39-15-immunohistochemistry-western-blot-elisa/213526>