

Mouse Myosin(Skeletal, Fast) Monoclonal Antibody | anti-MYH1 antibody

Anti-Myosin(Skeletal, Fast) antibody (monoclonal)

CATALOG # AAA44878	HOST Mouse	REACTIVITY Human, Mouse, Rat, Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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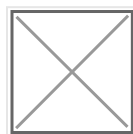
PRODUCT SYNONYMS

Myosin(Skeletal; Fast); Monoclonal Antibody; Anti-Myosin(Skeletal; Fast) antibody (monoclonal); Myosin-1; Myosin-2; myosin; heavy chain 1; skeletal muscle; adult; heavy chain 2; MYHa; MYHSA1; MyHC-2x; MyHC-2X/D; MyHC-IIx/d; MYH2A; MYHSA2; MYHas8; MyHC-2A; MyHC-IIa; Myosin heavy chain 1; Myosin heavy chain 2x; Myosin heavy chain IIx/d; Myosin heavy chain; adult 1; Myosin heavy chain 2; Myosin heavy chain 2a; Myosin heavy chain IIa; adult 2; anti-MYH1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Clone Number	MY-38
Specificity	No cross reactivity with other proteins
Purity/Purification	Ascites
Form/Format	Lyophilized; Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Sequence Length	1939
Applicable Applications for anti-MYH1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Rabbit muscle myosin.
Reconstitution	Add 1ml of PBS buffer will yield a concentration of 100ug/mL
Preparation and Storage	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-Myosin(Skeletal, Fast) antibody (monoclonal), AAA44878, Western blottingWB: Rat Skeletal Muscle Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MYH1 antibody

Background: Myosin is composed of 2 heavy chains of about 200,000 daltons each and 4 light chains of about 20,000 daltons each. The light chains are of 2 distinct types: the phosphorylatable, regulatory, or MLC2 type, and the nonphosphorylatable, alkali, or MLC1 and MLC3 types (MYL1 according to the HGM symbols). Skeletal Myosin(Fast), also known as MYL1, mapped to the region 2q32.1-qter.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226694176
NCBI GeneID	4619
UniProt Accession #	P12882; Q14CA4; Q9Y622
Molecular Weight	223,145 Da
NCBI Official Full Name	Myosin-1
NCBI Official Synonym Full Names	myosin, heavy chain 1, skeletal muscle, adult
NCBI Official Symbol	MYH1
NCBI Official Synonym Symbols	MYHa; HEL71; MYHSA1; MyHC-2x; MyHC-2X/D
NCBI Protein Information	myosin-1; myHC-IIx/d; myosin heavy chain 1; myosin heavy chain 2x; myosin heavy chain IIx/d; epididymis luminal protein 71; myosin heavy chain, skeletal muscle, adult 1; myosin, heavy polypeptide 1, skeletal muscle, adult
UniProt Protein Name	Myosin-1
UniProt Gene Name	MYH1
UniProt Synonym Gene Names	MyHC-2x; MyHC-IIx/d
UniProt Entry Name	MYH1_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/myosinskeletal-fast-antibody-clone-my-38-immunohistochemistry-western-blot-elisa/44878>