

Myosin Heavy Chain Monoclonal Antibody | anti-mmyhl1 antibody

Myosin Heavy Chain Mouse Monoclonal Antibody

CATALOG # AAA266728	REACTIVITY Human, Mouse, Rat, Fruit Fly, Nematode	APPLICATIONS Immunofluorescence, Immunohistochemistry
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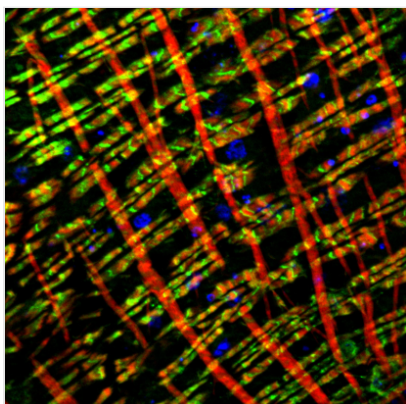
PRODUCT SYNONYMS

Myosin Heavy Chain; Monoclonal Antibody; Myosin Heavy Chain Mouse Monoclonal Antibody; anti-mmyhl1 antibody

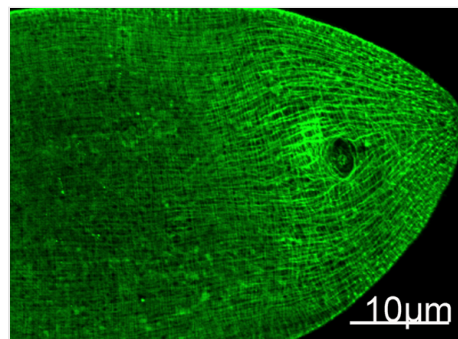
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat, Fruit Fly, Nematode
Clonality	Monoclonal
Clone Number	11C2
Specificity	The Myosin Heavy Chain Mouse Monoclonal antibody detects endogenous MHC proteins (~220KD).
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1933
Applicable Applications for anti-mmyhl1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



Application Data



Application Data

Immunofluorescence Staining of nematode tissue with MYH mouse mAb(11C2) diluted at 1:100. (Provide by Tsinghua University). Immunofluorescence double Staining of fruit fly tissue with MYH mouse mAb(11C2)(Green) and F-actin mouse mAb(red) (Provide by NIBS).

ADDITIONAL INFORMATION

Related Product Information for anti-mmyhl1 antibody	Muscle myosin is a hexameric protein that consists of 2 heavy chain subunits (MHC), 2 alkali light chain subunits (MLC) and 2 regulatory light chain subunits (MLC-2). Cardiac MHC exists as two isoforms in humans, alpha-cardiac MHC and beta-cardiac MHC. These two isoforms are expressed in different amounts in the human heart. During normal physiology, beta-cardiac MHC is the predominant form, with the alpha-isoform contributing around only 7% of the total MHC. Mutations of the MHC genes are associated with several different dilated and hypertrophic cardiomyopathies.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	239937539
NCBI GeneID	100125433
NCBI Accession #	NP_001155229.1
NCBI GenBank Nucleotide #	NM_001161757.1
NCBI Official Full Name	myosin heavy chain
NCBI Official Symbol	mmyhl1
NCBI Protein Information	myosin heavy chain

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/myosin-heavy-chain-antibody-clone-11c2-immunofluorescence-immunohistochemistry-elisa/266728>