

Mouse Myosin Heavy Chain Monoclonal Antibody | anti-MYH15 antibody

Myosin Heavy Chain Mouse Monoclonal Antibody

CATALOG # AAA300756	HOST Mouse	REACTIVITY Human, Mouse, Rat, Fruit Fly Nematode	APPLICATIONS Immunofluorescence, Immunohistochemistry
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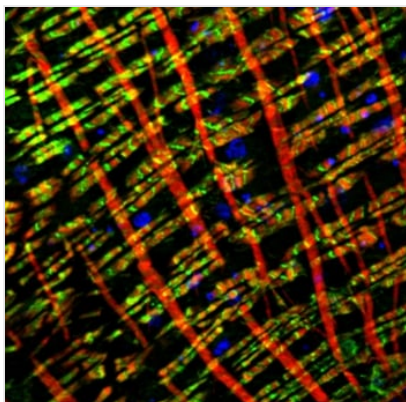
PRODUCT SYNONYMS

Myosin Heavy Chain; Monoclonal Antibody; Myosin Heavy Chain Mouse Monoclonal Antibody; anti-MYH15 antibody

PRODUCT SPECIFICATIONS

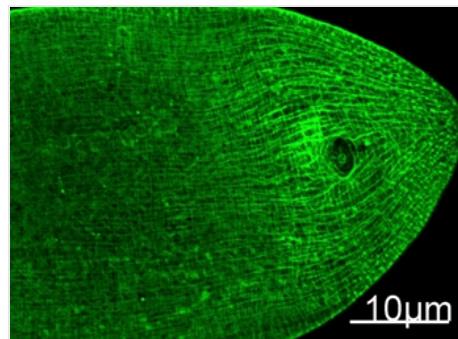
Host	Mouse
Reactivity	Human, Mouse, Rat, Fruit Fly Nematode
Clonality	Monoclonal
Specificity	The Myosin Heavy Chain Mouse Monoclonal antibody detects endogenous MHC proteins.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1937
Applicable Applications for anti-MYH15 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Name	Myosin Heavy Chain
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence double staining of fruit fly tissue with MYH mouse mAb(11C2)(Green) and F-actin mouse mAb(red).



IF (Immunofluorescence)

Immunofluorescence staining of nematode tissue with MYH mouse mAb(11C2) diluted at 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH15 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.
Product Categories/Family for anti-MYH15 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	45382109
NCBI GeneID	395534
NCBI Accession #	NP_990097.1
NCBI GenBank Nucleotide #	NM_204766.1
Molecular Weight	128,009 Da
NCBI Official Full Name	myosin heavy chain, cardiac muscle isoform
NCBI Official Synonym Full Names	myosin, heavy chain 15
NCBI Official Symbol	MYH15
NCBI Official Synonym Symbols	MYH6; P-MHC; VMHC1; myosin
NCBI Protein Information	myosin heavy chain, cardiac muscle isoform
UniProt Protein Name	Myosin heavy chain, cardiac muscle isoform
UniProt Entry Name	MYSC_CHICK

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-immunofluorescence-immunohistochemistry-elisa/300756>