Myosin Light Chain 2 Rabbit mAb

Catalog No: #58977

Package Size: #58977-1 50ul   #58977-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

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Product Name	Myosin Light Chain 2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC IP
Species Reactivity	Human Mouse Rat
Specificity	Myosin Light Chain 2 Antibody detects endogenous levels of Myosin Light Chain 2
Immunogen Description	A synthesized peptide derived from human Myosin Light Chain 2
Other Names	MYL2; MLC2; Myosin light chain 2; MLC-2; RLC of myosin; CMH10; MLC-2v;
Accession No.	Uniprot:P10916
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:1000~1:5000 IHC 1:50~1:200 IP 1:50

Images
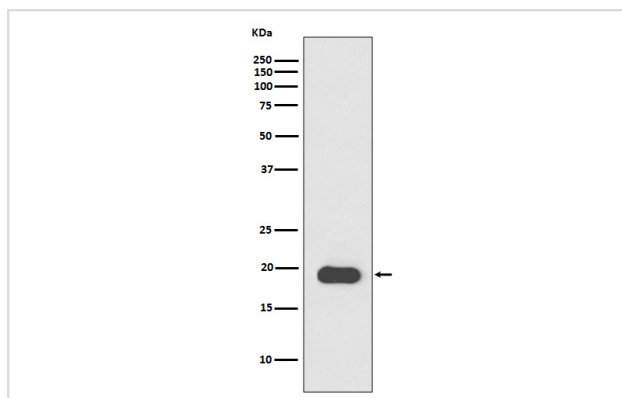
Western blot analysis of Myosin Light Chain 2 expression in Mouse heart lysate.
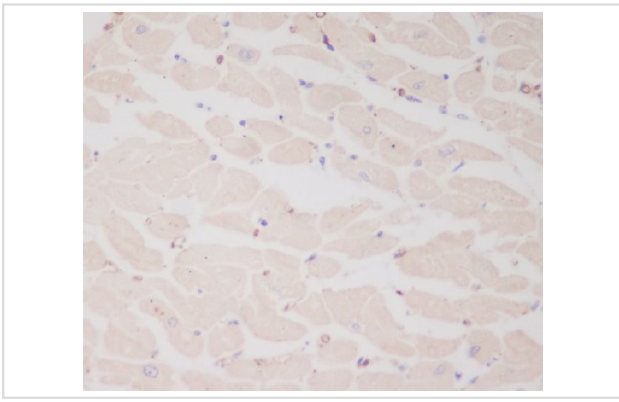
Immunohistochemical analysis of paraffin-embedded human heart, using Myosin Light Chain 2 Antibody.

Product Description

Myosin is composed of six polypeptide chains: two identical heavy chains and two pairs of light chains. Myosin light chain 2 (MLC2), also known as myosin regulatory light chain (MRLC), RLC, or LC20, has many isoforms depending on its distribution. In smooth muscle, MLC2 is phosphorylated at Thr18 and Ser19 by myosin light chain kinase (MLCK) in a Ca2+/calmodulin-dependent manner.

Background

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Note: This product is for in vitro research use only