

Myosin Light Chain 2 (MLC-2v) antibody

Cat. No. GTX100714

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW	19 kDa. (Note)
Product Note	This antibody detects Myosin light chain 2, slow skeletal/ventricular muscle isoform (MLC-2v) protein.

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Myosin Light Chain 2 (MLC-2v). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

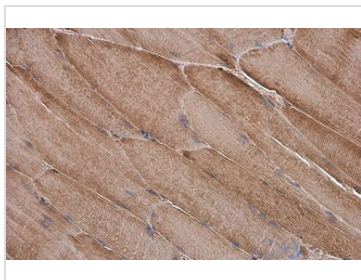
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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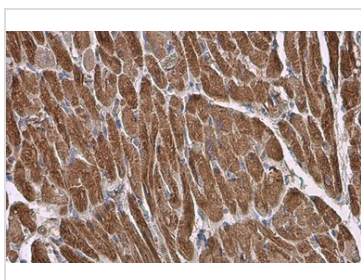
DATA IMAGES

GTX100714 IHC-P Image

Myosin Light Chain 2 (MLC-2v) antibody detects Myosin Light Chain 2 (MLC-2v) protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse muscle.

Myosin Light Chain 2 (MLC-2v) stained by Myosin Light Chain 2 (MLC-2v) antibody (GTX100714) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

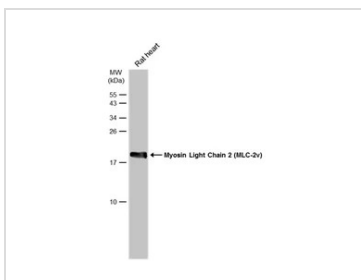

GTX100714 IHC-P Image

Myosin Light Chain 2 (MLC-2v) antibody detects Myosin Light Chain 2 (MLC-2v) protein at cytoplasm by immunohistochemical analysis.

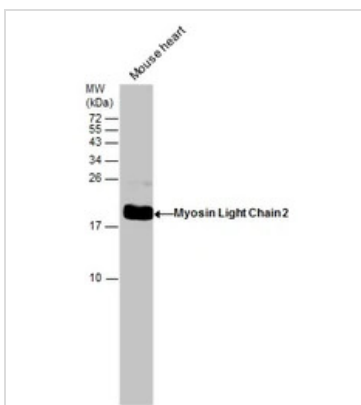
Sample: Paraffin-embedded rat heart.

Myosin Light Chain 2 (MLC-2v) stained by Myosin Light Chain 2 (MLC-2v) antibody (GTX100714) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX100714 WB Image

Whole cell extract (50 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with Myosin Light Chain 2 (MLC-2v) antibody (GTX100714) diluted at 1:30000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX100714 WB Image

Mouse tissue extract (50 µg) was separated by 15% SDS-PAGE, and the membrane was blotted with Myosin Light Chain 2 antibody (GTX100714) diluted at 1:20000.



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