Recombinant Myosin Light Chain 3 Monoclonal Antibody

Description

This Recombinant Myosin Light Chain 3 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	RMEA1230
Contents:	Recombinant Myosin Light Chain 3 Monoclonal Antibody (50 µL, 100 µL) Bradford Reagent: 1 vial (2ml)
Clone:	C121230
Applications:	WB, IHC, FCM
Reactivity:	Human, Mouse, Rat

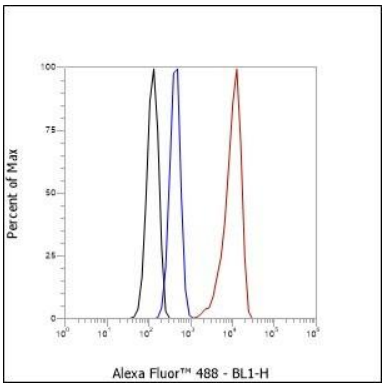
Antibody Data

Uniprot ID:	P08590
Size:	50 µL, 100 µL
Host Species:	Rabbit
Isotype:	Rabbit IgG
Conjugation:	Unconjugated
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

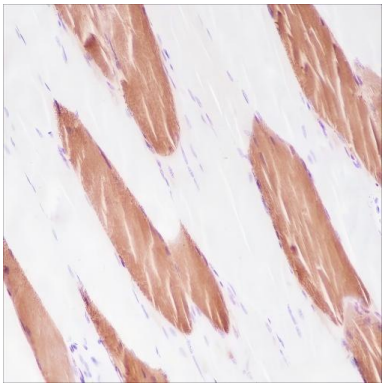
Preparation & Storage

Storage:	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Gel Pack
Preparation:	WB 1:500-1:2000, IHC 1:200-1:1000, FCM 1:50-1:100
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol
Notes:	Centrifuge before opening to ensure complete recovery of vial contents.

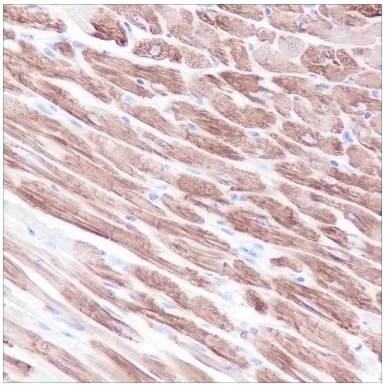
Validation Data



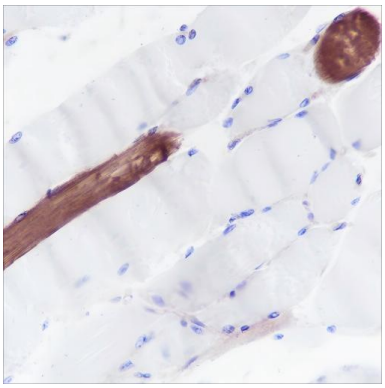
Flow cytometric analysis of human Myosin Light Chain 3 expression on U-2 OS cells. Cells were stained with purified anti-Human Myosin Light Chain 3, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



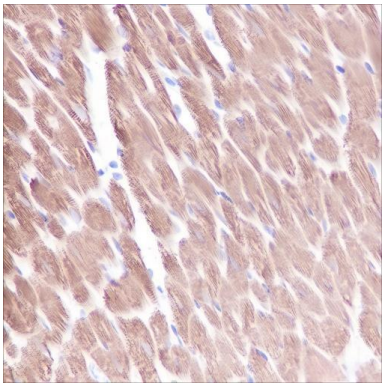
Immunohistochemistry of paraffin-embedded Human skeletal muscle using Myosin Light Chain 3 Monoclonal Antibody at dilution of 1:1000.



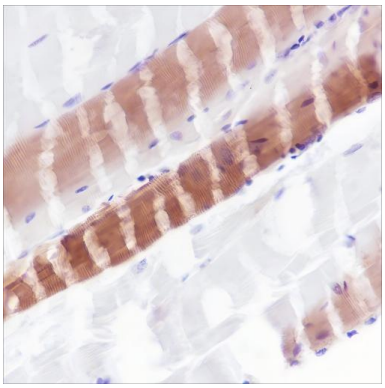
Immunohistochemistry of paraffin-embedded Mouse cardiac muscle using Myosin Light Chain 3 Monoclonal Antibody at dilution of 1:1000.



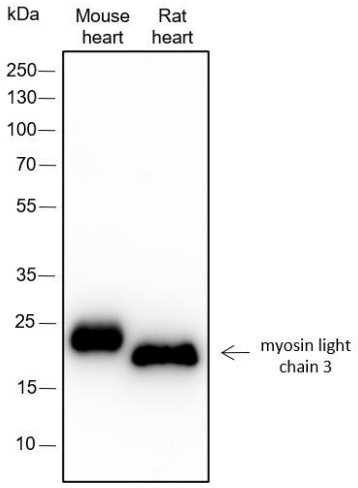
Immunohistochemistry of paraffin-embedded Mouse skeletal muscle using Myosin Light Chain 3 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat cardiac muscle using Myosin Light Chain 3 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat skeletal muscle using Myosin Light Chain 3 Monoclonal Antibody at dilution of 1:1000.



Western Blot with Myosin Light Chain 3 Monoclonal Antibody at dilution of 1:2000. Lane 1: Mouse heart, Lane 2: Rat heart Observed-MW:22 kDa Calculated-MW:22 kDa

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.