

# Product Datasheet

## Myosin Light Chain 2 Antibody (5M6Q8) NBP3-16693-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16693-100ul**

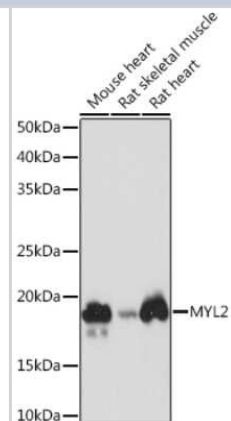
Myosin Light Chain 2 Antibody (5M6Q8)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5M6Q8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3
Product Description	
Host	Rabbit
Gene ID	4633
Gene Symbol	MYL2
Species	Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 67-166 of human Myosin Light Chain 2 (P10916). DEMIKEAPGPINFTVFLTMFGEKLGADPEETILNAFKVFDPEGKGVLKADYVR EMLTTQAERFSKEEVDQMFAAFPDPVTGNLDYKNLVHIITHGEEKD
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200

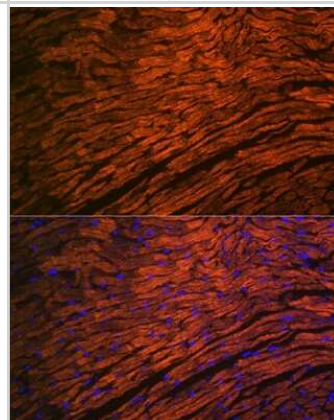


## Images

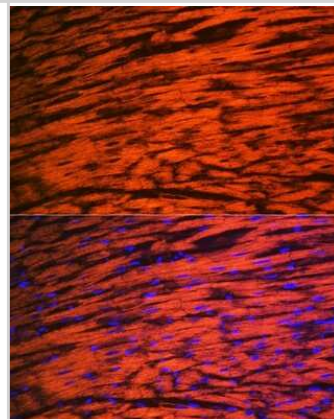
**Western Blot: Myosin Light Chain 2 Antibody (5M6Q8) [NBP3-16693]** - Western blot analysis of extracts of various cell lines, using Myosin Light Chain 2 Rabbit mAb (NBP3-16693) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



**Immunohistochemistry: Myosin Light Chain 2 Antibody (5M6Q8) [NBP3-16693]** - Immunofluorescence analysis of mouse heart using Myosin Light Chain 2 Rabbit mAb (NBP3-16693) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



**Immunohistochemistry: Myosin Light Chain 2 Antibody (5M6Q8) [NBP3-16693]** - Immunofluorescence analysis of rat heart using Myosin Light Chain 2 Rabbit mAb (NBP3-16693) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.





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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBC1-18536	Recombinant Human Myosin Light Chain 2 His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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