

# Product Datasheet

## Tropomyosin-1 Antibody (JG38-66) NBP2-75689

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 1/3/2023 v.20.1

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**NBP2-75689**

Tropomyosin-1 Antibody (JG38-66)

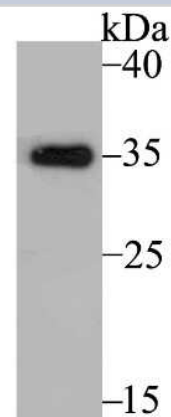
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JG38-66
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	33 kDa

Product Description	
Host	Rabbit
Gene Symbol	TPM1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Tropomyosin-1 aa 168-284 / 284. (SwissProt: P09493 Human; SwissProt: P58771 Mouse; SwissProt: P04692 Rat)

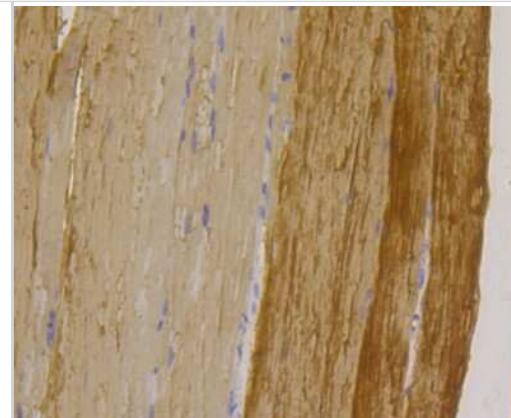
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

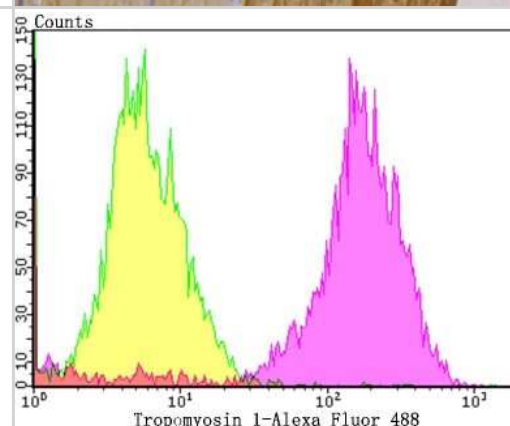
Western Blot: Tropomyosin-1 Antibody (JG38-66) [NBP2-75689] - Analysis of Tropomyosin 1 on rat heart tissue using anti-Tropomyosin 1 antibody at 1/1,000 dilution.



**Immunohistochemistry-Paraffin: Tropomyosin-1 Antibody (JG38-66) [NBP2-75689]** - Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue using anti-Tropomyosin-1 antibody. Counter stained with hematoxylin.



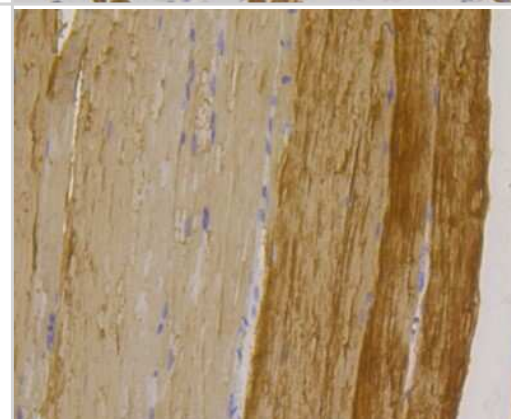
**Flow Cytometry: Tropomyosin-1 Antibody (JG38-66) [NBP2-75689]** - Analysis of MCF-7 cells with Tropomyosin 1 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



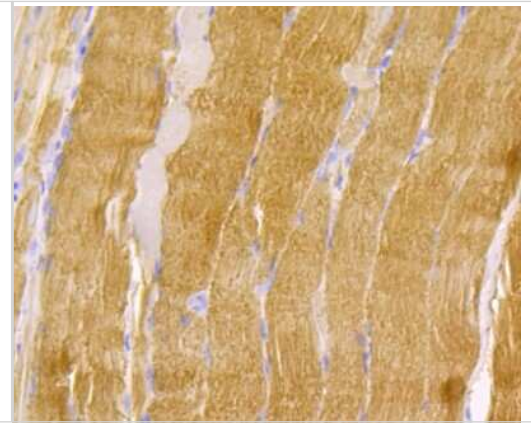
**Immunohistochemistry-Paraffin: Tropomyosin-1 Antibody (JG38-66) [NBP2-75689]** - Analysis of paraffin-embedded human heart tissue using anti-Tropomyosin 1 antibody. Counter stained with hematoxylin.



**Immunohistochemistry-Paraffin: Tropomyosin-1 Antibody (JG38-66) [NBP2-75689]** - Analysis of paraffin-embedded mouse skeletal muscle tissue using anti-Tropomyosin 1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Tropomyosin-1 Antibody (JG38-66) [NBP2-75689] - Analysis of paraffin-embedded rat smooth muscle tissue using anti-Tropomyosin 1 antibody. Counter stained with hematoxylin.





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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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