

Product Datasheet

Tropomodulin 1 Antibody (OTI2C2) NBP2-00955

Unit Size: 0.1 ml

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

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NBP2-00955**Tropomodulin 1 Antibody (OTI2C2)**

Product Information	
Unit Size	0.1 ml
Concentration	0.86 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2C2
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	40.4 kDa

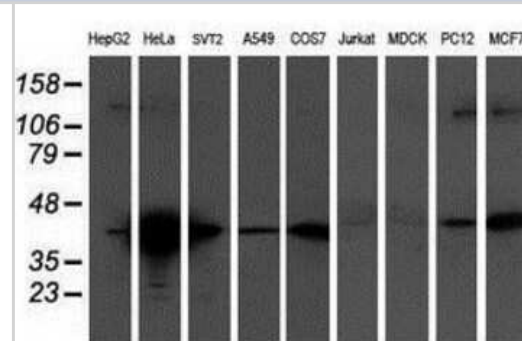
Product Description	
Description	Novus Biologicals Mouse Tropomodulin 1 Antibody (OTI2C2) (NBP2-00955) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Tropomodulin 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7111
Gene Symbol	TMOD1
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human TMOD1(NP_003266) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

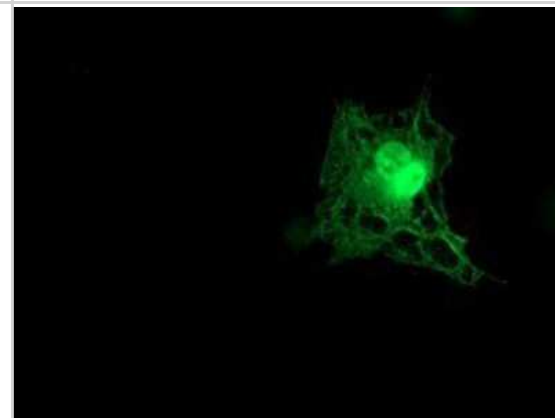


Images

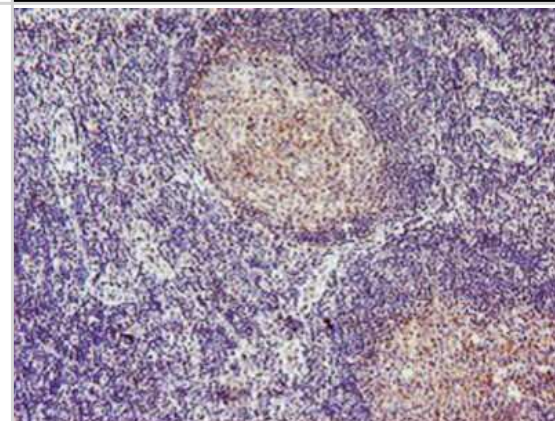
Western Blot: Tropomodulin 1 Antibody (2C2) [NBP2-00955] Analysis of extracts (35ug) from 9 different cell lines by using anti-Tropomodulin 1 monoclonal antibody.



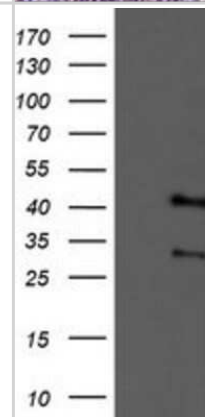
Immunocytochemistry/Immunofluorescence: Tropomodulin 1 Antibody (2C2) [NBP2-00955] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Tropomodulin 1.



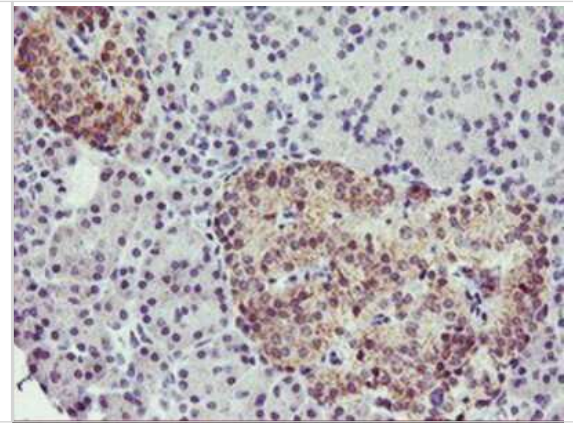
Immunohistochemistry-Paraffin: Tropomodulin 1 Antibody (2C2) [NBP2-00955] - Staining of paraffin-embedded Human tonsil using anti-Tropomodulin 1 mouse monoclonal antibody.



Western Blot: Tropomodulin 1 Antibody (2C2) [NBP2-00955] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Tropomodulin 1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Tropomodulin 1.



Immunohistochemistry-Paraffin: Tropomodulin 1 Antibody (2C2) [NBP2-00955] - Staining of paraffin-embedded Human pancreas tissue using anti-Tropomodulin 1 mouse monoclonal antibody.



Publications

Catalina Vasilescu, Mert Colpan, Tiina H Ojala, Tuula Manninen, Aino Mutka, Kaisa Ylänen, Otto Rahkonen, Tuija Poutanen, Laura Martelius, Reena Kumari, Helena Hinterding, Virginia Brilhante, Simo Ojanen, Pekka Lappalainen, Juha Koskenvuo, Christopher J Carroll, Velia M Fowler, Carol C Gregorio, Anu Suomalainen Recessive TMOD1 mutation causes childhood cardiomyopathy. Communications biology 2024-01-05 [PMID: 38168645]



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Products Related to NBP2-00955

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
H00007111-P01-10ug	Recombinant Human Tropomodulin 1 GST (N-Term) Protein

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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