

# Product Datasheet

## TRPM4 Antibody (OTI10H5)

### NBP1-48036

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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Updated 9/9/2025 v.20.1

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**NBP1-48036****TRPM4 Antibody (OTI10H5)**

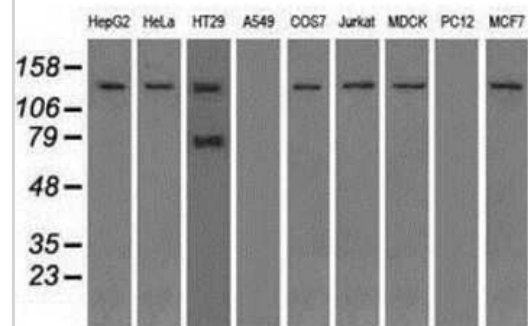
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI10H5
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	134.3 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse TRPM4 Antibody (OTI10H5) (NBP1-48036) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	54795
<b>Gene Symbol</b>	TRPM4
<b>Species</b>	Human, Canine, Primate, Monkey
<b>Specificity/Sensitivity</b>	This antibody is specific for Homo sapiens transient receptor potential cation channel, subfamily M, member 4 (TRPM4).
<b>Immunogen</b>	Full length human recombinant protein of human TRPM4 (NP_060106) produced in HEK293T cell.

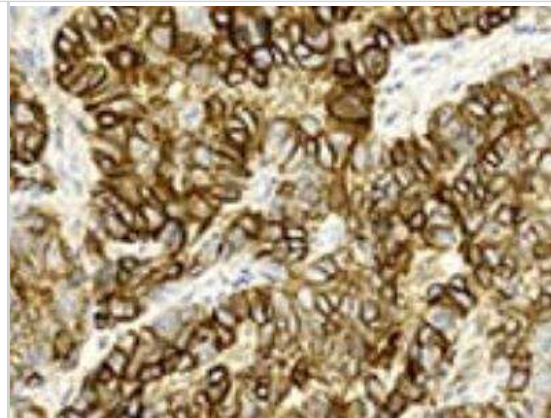
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:5000-10000, Immunohistochemistry 1:50, Immunohistochemistry-Paraffin 1:50

**Images**

Western Blot: TRPM4 Antibody (OTI10H5) [NBP1-48036] - Analysis of extracts (35ug) from 9 different cell lines by using anti-TRPM4 monoclonal antibody.



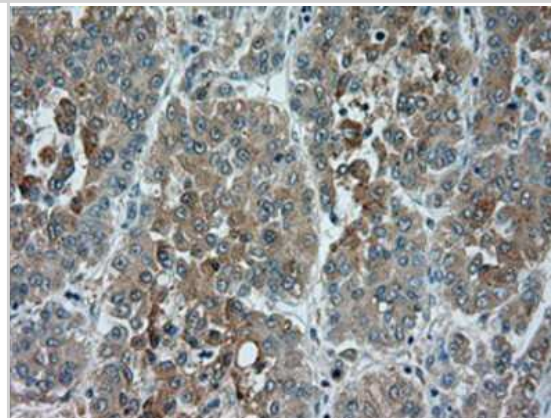
Immunohistochemistry-Paraffin: TRPM4 Antibody (OT110H5) [NBP1-48036] - Human endometrial carcinoma tissue section. Fixed paraffin embedded sections were deparaffinized. EDTA was used for antigen retrieval. Samples were incubated O/N in 4 C with the primary antibody (1:200 dilution). IHC-P image submitted by a verified review.



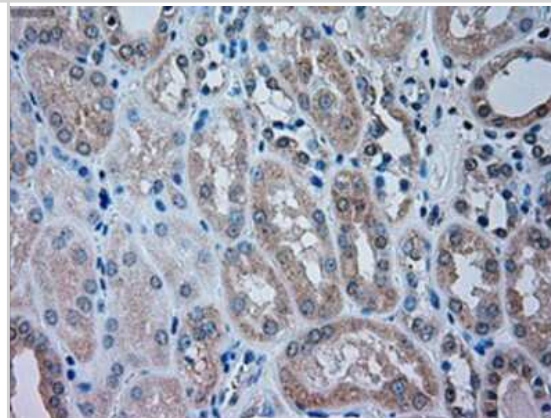
Western Blot: TRPM4 Antibody (10H5) [NBP1-48036] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TRPM4 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TRPM4.



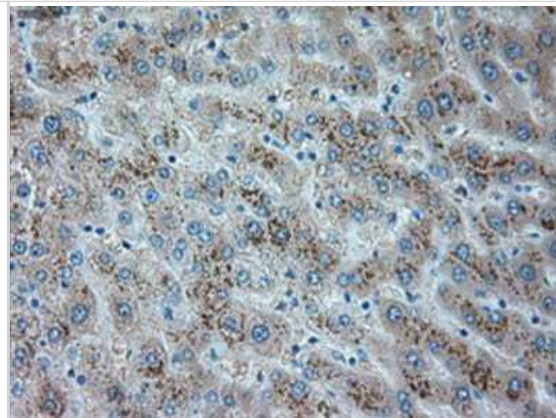
Immunohistochemistry-Paraffin: TRPM4 Antibody (10H5) [NBP1-48036] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-TRPM4 mouse monoclonal antibody.



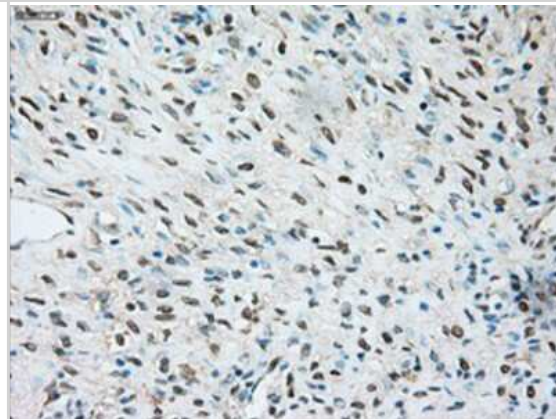
Immunohistochemistry-Paraffin: TRPM4 Antibody (10H5) [NBP1-48036] - Staining of paraffin-embedded Human Kidney tissue using anti-TRPM4 mouse monoclonal antibody.



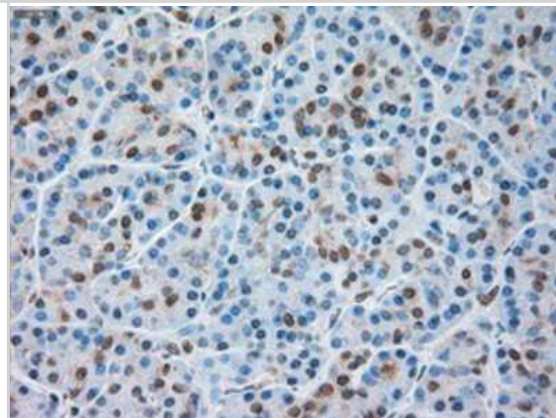
Immunohistochemistry-Paraffin: TRPM4 Antibody (10H5) [NBP1-48036]  
- Staining of paraffin-embedded Human liver tissue using anti-TRPM4 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: TRPM4 Antibody (10H5) [NBP1-48036]  
- Staining of paraffin-embedded Human Ovary tissue using anti-TRPM4 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: TRPM4 Antibody (10H5) [NBP1-48036]  
- Staining of paraffin-embedded Human pancreas tissue using anti-TRPM4 mouse monoclonal antibody.



Immunohistochemistry: TRPM4 Antibody (OT110H5) [NBP1-48036] -  
Human heart tissue was blocked with 10% serum and stained with the primary antibody at 1:100 dilution overnight at 4 degrees. A secondary FITC-conjugated anti-mouse antibody was used in 1:400 dilution for 2 hours at room temperature. IHC image submitted by a verified customer review.



TRPM4 Antibody (OTI10H5)[NBP1-48036] Simple Western analysis of endogenous protein ACTN1 from HELA lysates (0.2 mg/mL) using ACTN1 Mouse Monoclonal Antibody . The virtual lane view (left) shows the target (as indicated) at 1:50 dilution of primary antibody. The corresponding electropherogram view (right) plots chemiluminescence by molecular weight along the capillary at a 1:50 dilution of primary antibody. This experiment was performed under reducing conditions on the Jess Simple Western instrument from ProteinSimple, a Bio-Techne brand, using the 12-230 kDa Separation Module.





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### **Products Related to NBP1-48036**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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