

# Product Datasheet

## TRPM4 Antibody NB110-75001

Unit Size: 0.1 ml

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

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**NB110-75001**

## TRPM4 Antibody

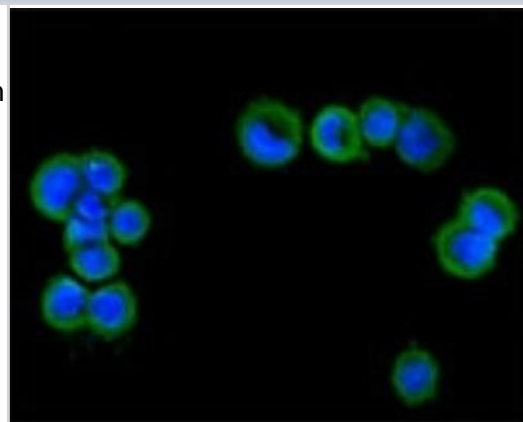
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 0.1 ml sterilized water to desired concentration.
Purity	Unpurified
Buffer	Whole antisera

Product Description	
Host	Sheep
Gene ID	54795
Gene Symbol	TRPM4
Species	Human
Reactivity Notes	Human.
Specificity/Sensitivity	TRPM4.
Immunogen	A synthetic peptide as a part of human transient receptor potential cation channel subfamily M member 4 (TRPM4, melastatin-4) conjugated to immunogenic carrier protein was used as the immunogen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:300-1:4000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

**Images**

Immunocytochemistry/Immunofluorescence: TRPM4 Antibody [NB110-75001] - A cell cytospin of human lung cancer cell line A549 was fixed with cold acetone for 90 seconds and air-dried. Cells were incubated with the blocking buffer (PBS containing 5% FCS) for 30 min at RT. Cells were then washed once in PBS and incubated with primary Ab diluted 1:100 in the blocking buffer, for 30 min. Slides were washed 3X in PBS and incubated with Goat anti-sheep conjugated to Alexa-488, diluted 1:200 in blocking buffer, for 30 min at RT in the dark. Slides were washed as above and mounting media (10% Glycerol in PBS) containing Hoechst 33258 1 ug/ml was used for nuclear counterstaining. Fluorescent cell staining were analysed using a Olympus microscope and the analysis LS Research software.





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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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