

# Product Datasheet

## NGFR/TNFRSF16/p75NTR Antibody (NTR/912) - IHC- Prediluted NBP2-48297

Unit Size: 7 ml

Store at 4C.

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



[technical@novusbio.com](mailto:technical@novusbio.com)

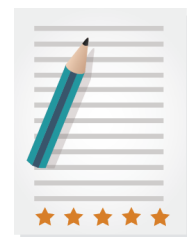
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Updated 10/23/2024 v.20.1

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**NBP2-48297****NGFR/TNFRSF16/p75NTR Antibody (NTR/912) - IHC-Prediluted**

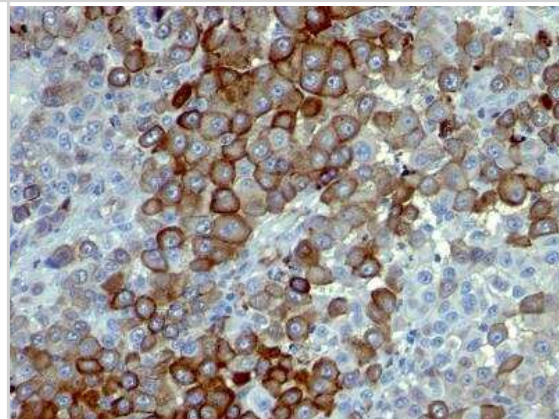
<b>Product Information</b>	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	NTR/912
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Target Molecular Weight</b>	75 kDa

<b>Product Description</b>	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	4804
<b>Gene Symbol</b>	NGFR
<b>Species</b>	Human, Primate, Mouse (Negative), Rat (Negative)
<b>Reactivity Notes</b>	Non-Human primates. Does not react with Mouse or Rat.
<b>Marker</b>	Soft Tissue Tumor Marker
<b>Specificity/Sensitivity</b>	It recognizes a glycoprotein of 75kDa, identified as low affinity Nerve Growth Factor (NGF) Receptor (p75NGFR) or Neurotrophin Receptor (p75NTR). NGFR is expressed in various neural crest cells and their tumors such as melanocytes, melanomas, neuroblastomas, pheochromocytomas and neurofibromas. Reportedly, anti-NGFR is a reliable marker for desmoplastic and neurotropic melanomas. NGFR is expressed in mature non-neural cells such as perivascular cells, dental pulp cells, lymphoidal follicular dendritic cells, basal epithelium of oral mucosa and hair follicles, prostate basal cells, and myoepithelial cells. Anti-NGFR stains the myoepithelial cells of breast ducts and intra-lobular fibroblasts of breast ducts.
<b>Immunogen</b>	Recombinant human NGFR/TNFRSF16/p75NTR protein (Uniprot: P08138)

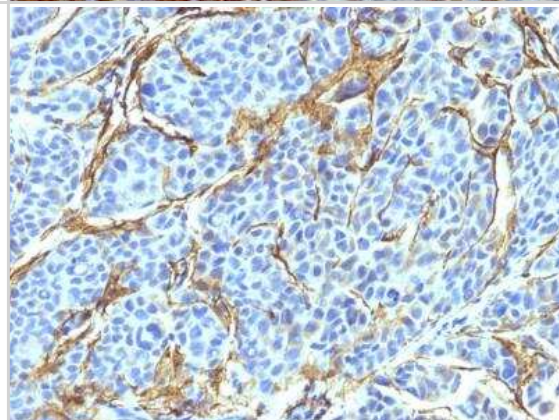
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

Immunohistochemistry-Paraffin: NGFR/TNFRSF16/p75NTR Antibody (NTR/912) - IHC-Prediluted [NBP2-48297] - Human Melanoma stained with NGFR Monoclonal Antibody (NTR/912).



Immunohistochemistry-Paraffin: NGFR/TNFRSF16/p75NTR Antibody (NTR/912) - IHC-Prediluted [NBP2-48297] - Human Melanoma stained with NGFR Monoclonal Antibody (NTR/912).





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### **Products Related to NBP2-48297**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-52198-0.05mg	Recombinant Human NGFR/TNFRSF16/p75NTR 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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