

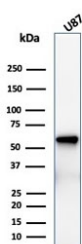
## Recombinant NGF Receptor Antibody / p75NTR / CD271 [clone rNGFR/1965] (V7975)

Catalog No.	Formulation	Size
V7975-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7975-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7975SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

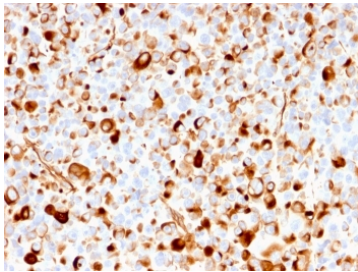
Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

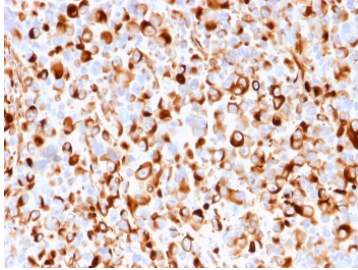
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rNGFR/1965
Purity	Protein G affinity chromatography
UniProt	P08138
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml (not suitable for frozen sample testing) Western Blot : 1-2ug/ml
Limitations	This recombinant NGF Receptor antibody is available for research use only.



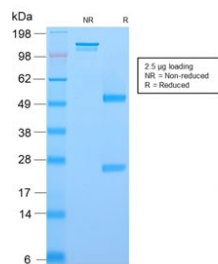
Western blot testing of human U-87 cell lysate with recombinant NGF Receptor antibody (clone rNGFR/1965). Predicted molecular weight: 45-75 kDa depending on glycosylation level.



IHC staining of FFPE human melanoma with recombinant NGF Receptor antibody (clone rNGFR/1965). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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SDS-PAGE analysis of purified, BSA-free recombinant NGF Receptor antibody (clone rNGFR/1965) as confirmation of integrity and purity.

## Description

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, lymphoid 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.

## Application Notes

Optimal dilution of the recombinant NGF Receptor antibody should be determined by the researcher.

## Immunogen

A recombinant human partial protein (amino acids 281-421) was used as the immunogen for this recombinant NGF Receptor antibody.

## Storage

Store the recombinant NGF Receptor antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

