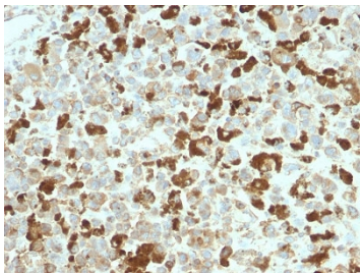
Recombinant NGFR Antibody NGFR/2550R / p75NTR Rabbit MAb [clone NGFR/2550R] (V7314)

Catalog No.	Formulation	Size
V7314-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7314-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7314SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7314IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

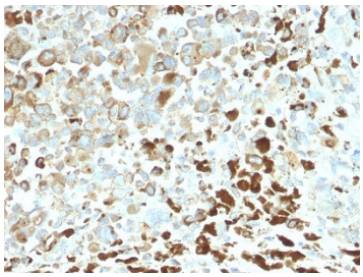
Recombinant RABBIT MONOCLONAL

Bulk quote request

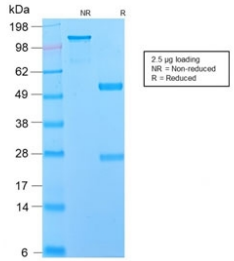
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	NGFR/2550R
Purity	Protein A affinity chromatography
UniProt	P08138
Localization	Cell surface and cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Western blot: 1-2ug/ml
Limitations	This Recombinant NGFR Antibody NGFR/2550R is available for research use only.



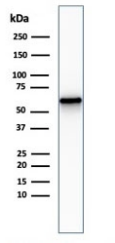
IHC testing of FFPE human melanoma tissue with Recombinant NGFR Antibody NGFR/2550R. Required HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool prior to testing.



IHC testing of FFPE human melanoma tissue with recombinant NGFR antibody. Required HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool prior to testing.



SDS-PAGE analysis of purified, BSA-free recombinant NGFR antibody as confirmation of integrity and purity.



Western blot testing of human U-87 cell lysate with Recombinant NGFR Antibody NGFR/2550R. Predicted molecular weight: 45-75 kDa depending on glycosylation level.

Description

Recombinant NGFR Antibody NGFR/2550R is specific for a glycoprotein of 75kDa, identified as low affinity Nerve Growth Factor (NGF) Receptor (p75NGFR) or p75 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/p75NTR is a reliable marker for desmoplastic and neurotropic melanomas. It 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/p75NTR stains the myoepithelial cells of breast ducts and intra-lobular fibroblasts of breast ducts.

For an alternative antibody targeting the same neurotrophin receptor, see our NGFR Antibody NGFR/4919, a mouse monoclonal antibody featuring human melanoma IHC and protein microarray specificity validation.

Application Notes

Optimal dilution of the Recombinant NGFR Antibody NGFR/2550R should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

A portion of amino acids 281-421 from the human protein was used as the immunogen for the Recombinant NGFR Antibody NGFR/2550R.

Storage

Store the Recombinant NGFR Antibody NGFR/2550R at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

NGFR antibody, p75NTR antibody, TNFRSF16 antibody, NGF Receptor antibody, p75 NGF Receptor antibody, Low Affinity Nerve Growth Factor Receptor antibody, p75 Neurotrophin Receptor antibody

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