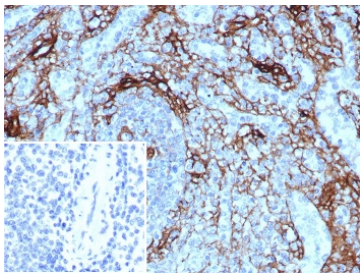
Recombinant CD271 Antibody NGFR/8590R / NGF Receptor mAb [clone NGFR/8590R] (V4524)

Catalog No.	Formulation	Size
V4524-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4524-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4524SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

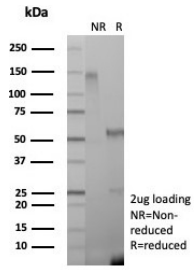
Recombinant RABBIT MONOCLONAL

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	NGFR/8590R
Purity	Protein A/G affinity
UniProt	P08138
Localization	Cell surface, Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This Recombinant CD271 Antibody NGFR/8590R is available for research use only.



IHC staining of FFPE human spleen tissue with Recombinant CD271 Antibody NGFR/8590R. Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free CD271 antibody (clone NGFR/8590R) as confirmation of integrity and purity.

Description

Recombinant CD271 Antibody NGFR/8590R 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.

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 CD271 Antibody NGFR/8590R should be determined by the researcher.

Immunogen

Recombinant human full-length protein was used as the immunogen for the CD271 antibody.

Storage

Aliquot the Recombinant CD271 Antibody NGFR/8590R and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

NGFR antibody, CD271 antibody, TNFRSF16 antibody, Nerve Growth Factor Receptor antibody, Low Affinity NGF Receptor antibody, p75 Neurotrophin Receptor antibody, p75 NGF Receptor antibody

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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