Recombinant NGF-Receptor (p75) / CD271 (Soft Tissue Tumor Marker) Antibody

Rabbit Monoclonal Antibody [Clone NGFR/8590R]

Catalog No	Format	Size
4804-RBM12-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4804-RBM12-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4804-RBM12-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

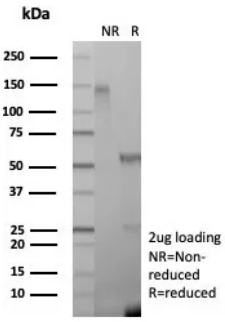
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

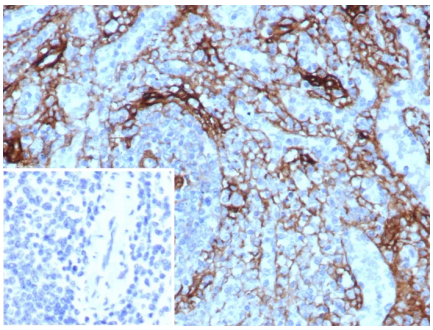
Clone	NGFR/8590R
Gene Name	NGFR
Immunogen	Recombinant fragment of human p75 NGFR protein corresponding to the extracellular domain
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	75kDa
Cellular Localization	Cell membrane, Cytoplasm, Membrane
Species Reactivity	Human, Non-Human primates
Positive Control	Neuronal axons, Schwann cells, and perineural cells of peripheral nerves, or tumors of nerve sheath differentiation e.g. Schwannoma, Neurofibroma. Soma and axons of sensory neurons, and ganglionic satellite cells. Melanomas.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant NGF-Receptor (p75) / CD271 (Soft Tissue Tumor Marker) Antibody



SDS-PAGE Analysis of Purified NGFR Rabbit Recombinant Monoclonal Antibody (NGFR/8590R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human spleen stained with NGFR Rabbit Recombinant Monoclonal Antibody (NGFR/8590R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

AKT Signaling, Mesenchymal Stem Cell Differentiation, Neuroscience, Nuclear Marker, Signal Transduction, Stem Cell Differentiation

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.