

Anti-p75 NGF Receptor Antibody [NGFR/4919] - BSA and Azide free (A278313)

Specifications:

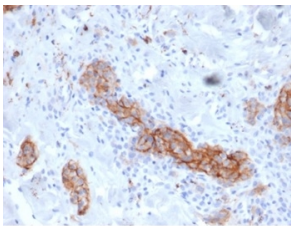
Name:	Anti-p75 NGF Receptor Antibody [NGFR/4919] - BSA and Azide free
Description:	Mouse monoclonal [NGFR/4919] antibody to p75 NGF Receptor.
Specificity:	It recognizes a glycoprotein of 75kDa, identified as low affinity Nerve Growth Factor (NGF) Receptor (p75NGFR) or Neurotrophin Receptor (p75NTR). 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.
Applications:	IF, WB, IHC-P
Recommended Dilutions:	IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Cross Reactivity:	This antibody is predicted to cross react with Mouse and Rat.
Immunogen:	WM245 melanoma cells of human origin.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	NGFR/4919
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-p75 NGF Receptor Antibody [NGFR/4919] (A277725).

Anti-p75 NGF Receptor Antibody [NGFR/4919] - BSA and Azide free (A278313)

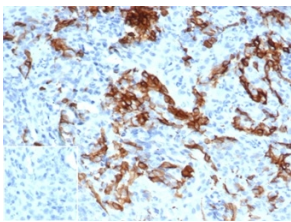
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

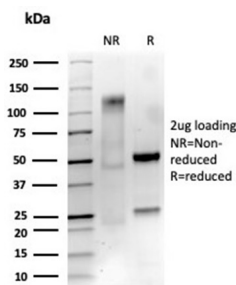
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human melanoma tissue using Anti-p75 NGF Receptor Antibody [NGFR/4919] at 2µg/ml.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human melanoma tissue using Anti-p75 NGF Receptor Antibody [NGFR/4919] at 2µg/ml. Inset: PBS instead of the primary antibody. Secondary antibody negative control.



SDS-PAGE analysis of Anti-p75 NGF Receptor Antibody [NGFR/4919] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.

Anti-p75 NGF Receptor Antibody [NGFR/4919] - BSA and Azide free (A278313)

Images continued:



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-p75 NGF Receptor Antibody [NGFR/4919]. Z-Score and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target; a MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.