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anti-NGFR antibody (AA 281-421)



Images



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Quantity:	100 μg	
Target:	NGFR	
Binding Specificity:	AA 281-421	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This NGFR antibody is un-conjugated	
Application:	Immunohistochemistry (IHC), Differentiation (Diff), Staining Methods (StM)	
Product Details		
Immunogen:	Recombinant fragment of human p75 NGFR protein (around aa 281-421) (exact sequence is	
	proprietary)	
Clone:	NGFR-1964	
Isotype:	IgG2b kappa	
Specificity:	It recognizes a glycoprotein of 75 kDa, identified as low affinity Nerve Growth Factor (NGF)	
	Receptor (p75NGFR) or Neurotrophin Receptor (p75NTR). NGFR is expressed in various neural	
	Receptor (p75NGFR) or Neurotrophin Receptor (p75NTR). NGFR is expressed in various neural crest cells and their tumors such as melanocytes, melanomas, neuroblastomas,	
	crest cells and their tumors such as melanocytes, melanomas, neuroblastomas,	
	crest cells and their tumors such as melanocytes, melanomas, neuroblastomas, pheochromocytomas and neurofibromas. Reportedly, anti-NGFR is a reliable marker for	

Product Details

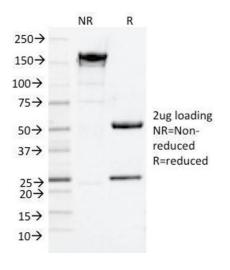
Product Details		
	the myoepithelial cells of breast ducts and intra-lobular fibroblasts of breast ducts.	
Purification:	Purified by Protein A/G	
Target Details		
Target:	NGFR	
Alternative Name:	NGFR (NGFR Products)	
Molecular Weight:	75kDa	
Gene ID:	4804	
UniProt:	P08138	
Pathways:	NF-kappaB Signaling, Neurotrophin Signaling Pathway, Carbohydrate Homeostasis, Growth Factor Binding	
Application Details		
Application Notes:	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.	
	Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.	
Restrictions:	For Research Use only	
Handling		
Concentration:	200 μg/mL	
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-80 °C	
Storage Comment:	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.

Expiry Date:

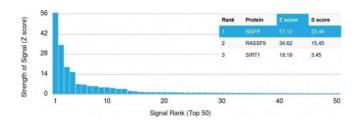
24 months

Images



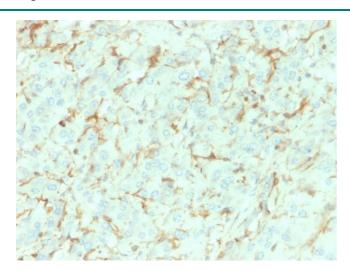
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified NGFR Mouse Monoclonal Antibody (NGFR/1964). Confirmation of Purity and Integrity of Antibody.



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using NGFR Mouse Monoclonal Antibody (NGFR/1964). Z- and S- Score: The Zscore 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 HuProtTM 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 HuProtTM are arranged in descending order of the Zscore, 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 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.



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Adrenal Gland stained with NGFR Mouse Monoclonal Antibody (NGFR/1964).

Please check the product details page for more images. Overall 5 images are available for ABIN6940196.