

Datasheet for ABIN6940198

Recombinant anti-NGFR antibody (AA 281-421)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	NGFR
Binding Specificity:	AA 281-421
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This NGFR antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Differentiation (Diff), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human p75 NGFR protein fragment (around aa 281-421) (exact sequence is proprietary)
Clone:	NGFR-2550R
Isotype:	IgG
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 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, lymphoid follicular dendritic cells, basal epithelium of

Product Details

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.

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.

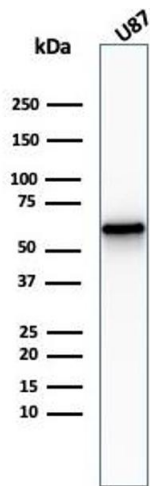
Storage: 4 °C, -80 °C

Handling

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.

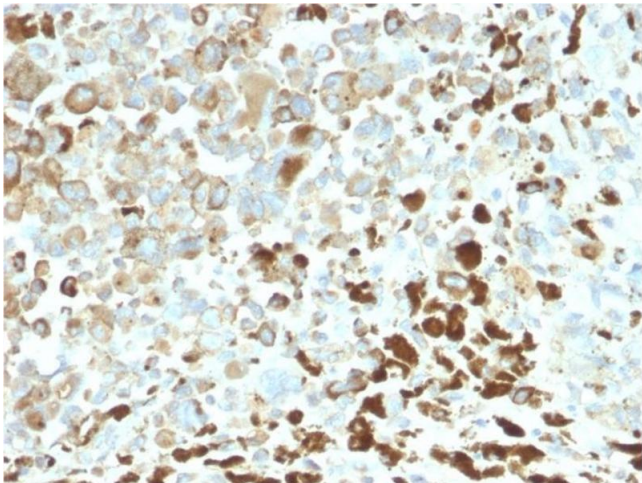
Expiry Date: 24 months

Images



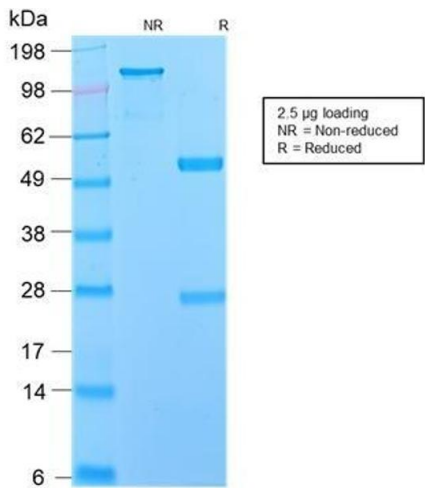
Western Blotting

Image 1. Western Blot Analysis of U87 cell lysate using NGFR Rabbit Recombinant Monoclonal Antibody (NGFR/2550R).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Melanoma stained with NGFR Rabbit Recombinant Monoclonal Antibody (NGFR/2550R).



SDS-PAGE

Image 3. SDS-PAGE Analysis Purified NGFR Rabbit Recombinant Monoclonal Antibody (NGFR/2550R). Confirmation of Integrity and Purity of Antibody.