



Datasheet for ABIN7268850
anti-NGFR antibody



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3 Images

Overview

Quantity:	100 µL
Target:	NGFR
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NGFR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	p75NTR/NGFR Rabbit mAb
Immunogen:	A synthesized peptide derived from human p75 NGF Receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	NGFR
Alternative Name:	NGFR (NGFR Products)
Background:	Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid

Target Details

repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain. [provided by RefSeq, Jul 2008],CD271,Gp80-LNGFR,TNFRSF16,p75(NTR),p75NTR,NGFR,Apoptosis,CDs,Cell Biology & Developmental Biology,Immunology & Inflammation,Mesenchymal Stem Cells,Neural Stem Cells,Neuroscience,Stem Cells,NGFR

Molecular Weight: 75kDa

Gene ID: 4804

UniProt: [P08138](#)

Pathways: [NF-kappaB Signaling](#), [Neurotrophin Signaling Pathway](#), [Carbohydrate Homeostasis](#), [Growth Factor Binding](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

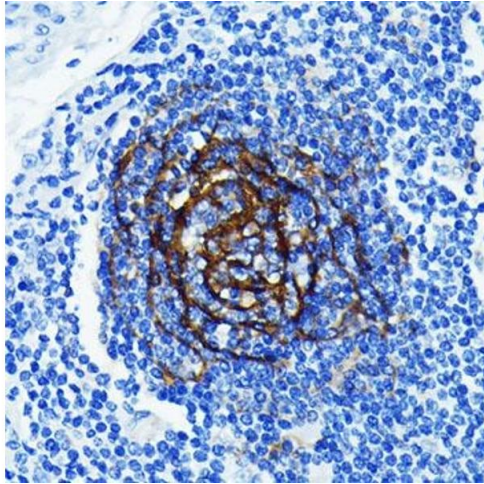
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

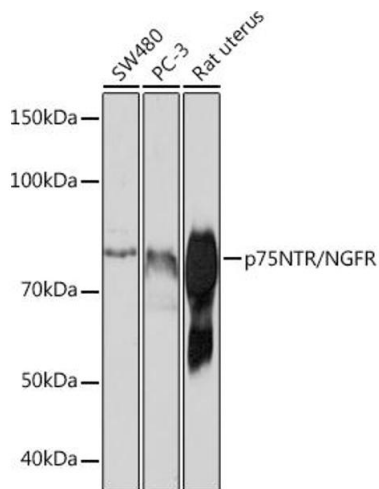
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



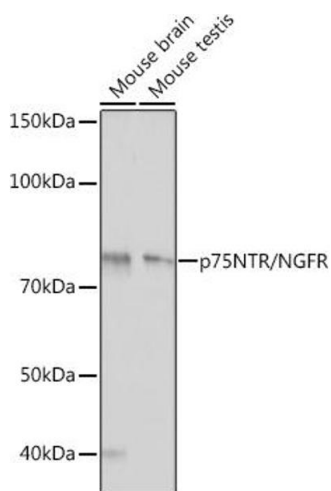
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using p75NTR/NGFR Rabbit mAb (ABIN7268850) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using p75NTR/NGFR antibody (ABIN7268850) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using p75NTR/NGFR antibody (ABIN7268850) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.