

Mouse anti-Human NGFR Antibody | anti-NGFR antibody

NGFR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108413	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

NGFR; NGFR Antibody; CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR; anti-NGFR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	2F1C2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	427
Applicable Applications for anti-NGFR antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human NGFR expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



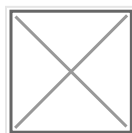
FCM/FACS (Flow Cytometry)

Figure 3. Flow cytometric analysis of EC cells using NGFR mouse mAb (green) and negative control (purple).



IF (Immunofluorescence)

Figure 2. Immunofluorescence analysis of EC cells using NGFR mouse mAb (green). Red. Actin filaments have been labeled with DY-554 phalloidin. Blue. DRAQ5 fluorescent DNA dye.



WB (Western Blot)

Figure 1. Western blot analysis using NGFR mouse mAb against NGFR-hlgFc transfected HEK293 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-NGFR antibody	Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid 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. NGFR p75 plays a central role in the regulation of cell number by apoptosis in the developing CNS. During early development, activation of NGFR p75 by NGF induces apoptotic cell death in some neuronal cells, probably through activation of the sphingomyelinase/ceramide pathway, the ICE like proteases and the JNK pathway. In rat Schwann cells, NGF binding to NGFR p75 activates NF kappaB, possibly to modulate Schwann cell migration during nerve regeneration. CD271 has recently been described as being expressed in mesenchymal stem cells (bone marrow stromal cells).
Product Categories/Family for anti-NGFR antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505393
NCBI GeneID	4804
NCBI Accession #	NP_002498.1
NCBI GenBank Nucleotide #	NM_002507.3
UniProt Accession #	P08138; B2R961; B4E096
Molecular Weight	45kDa
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 16
NCBI Official Synonym Full Names	nerve growth factor receptor
NCBI Official Symbol	NGFR
NCBI Official Synonym Symbols	CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 16
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 16
UniProt Gene Name	NGFR
UniProt Synonym Gene Names	TNFRSF16; NGF receptor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/ngfr/108413>