
Product Name: NGFR Mouse Monoclonal Antibody**Catalog #: AMM82754**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	45.2kDa

Antigen Information

Gene Name	NGFR
Alternative Names	CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR
Gene ID	4804.0
SwissProt ID	P08138
Immunogen	Purified recombinant fragment of human NGFR (AA: 1-200) expressed in E. Coli.

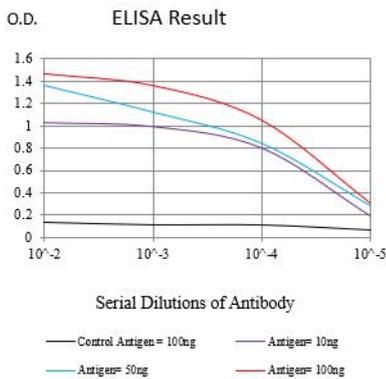
Background

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.

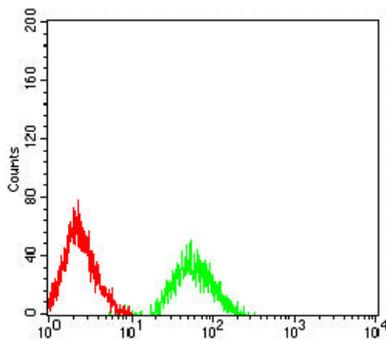
Research Area

Apoptosis, TGF-beta signaling pathway, PI3K-Akt signaling pathway, Hippo signaling pathway

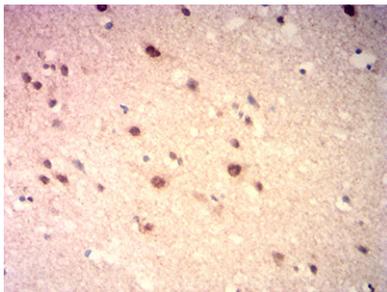
Image Data



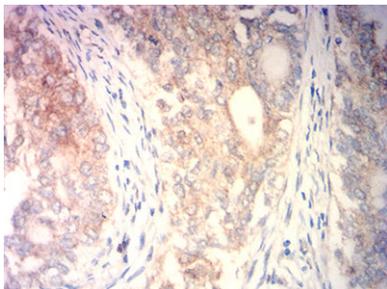
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Flow cytometric analysis of Hela cells using NGFR mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cerebrum tissues using NGFR mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using NGFR mouse mAb with DAB staining.