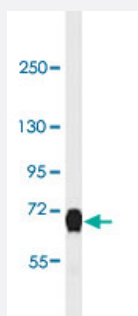


NGFR monoclonal antibody, clone 8G3G10

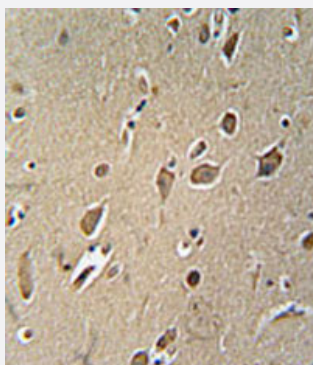
Catalog # MAB12298 Size 400 uL

Applications



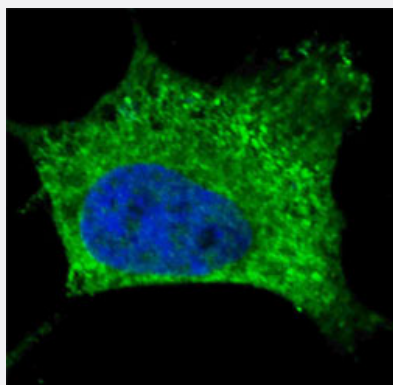
Western Blot (Tissue lysate)

Western blot analysis of mouse heart tissue lysates reacted with NGFR monoclonal antibody (Cat # MAB12298) at 1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed and paraffin-embedded human brain tissue reacted with NGFR monoclonal antibody (Cat # MAB12298) at 1:50-1:100 dilution.



Immunofluorescence

Immunofluorescent staining of SY5Y cells reacted with NGFR monoclonal antibody (Cat # MAB12298) at 1:100 dilution.

Specification

Product Description

Mouse monoclonal antibody raised against human NGFR.

Immunogen	Recombinant protein corresponding to human NGFR.
Host	Mouse
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Isotype	IgG2b, kappa
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence (1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of mouse heart tissue lysates reacted with NGFR monoclonal antibody (Cat # MAB12298) at 1:1000 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed and paraffin-embedded human brain tissue reacted with NGFR monoclonal antibody (Cat # MAB12298) at 1:50-1:100 dilution.

- Immunofluorescence

Immunofluorescent staining of SY5Y cells reacted with NGFR monoclonal antibody (Cat # MAB12298) at 1:100 dilution.

Gene Info — NGFR

Entrez GeneID	4804
Gene Name	NGFR
Gene Alias	CD271, Gp80-LNGFR, TNFRSF16, p75(NTR), p75NTR

Gene Description	nerve growth factor receptor (TNFR superfamily, member 16)
Omim ID	162010
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	low affinity nerve growth factor receptor low-affinity nerve growth factor receptor nerve growth factor receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Asthma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bronchiolitis](#)
- [Celiac Disease](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)

- [Kidney Failure](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Social Perception](#)