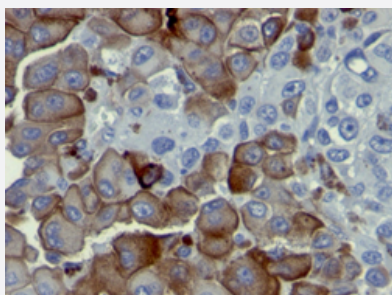


NGFR monoclonal antibody, clone NGFR5

Catalog # MAB13385 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma with NGFR monoclonal antibody, clone NGFR5 (Cat # MAB13385).

Specification

Product Description	Mouse monoclonal antibody raised against native human NGFR.
Immunogen	A875 melanoma cells.
Host	Mouse
Theoretical MW (kDa)	75
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma with NGFR monoclonal antibody, clone NGFR5 (Cat # MAB13385).

- Immunofluorescence

- Flow Cytometry

Gene Info — NGFR

Entrez GeneID[4804](#)**Protein Accession#**[P08138](#)**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](#)