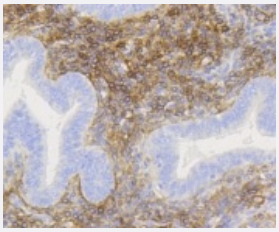
RecomAb™ Sm Size

NGFR recombinant monoclonal antibody

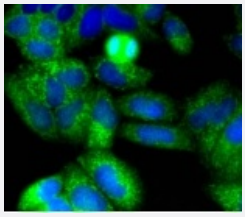
Catalog # RAB09334 Size 50 uL

Applications



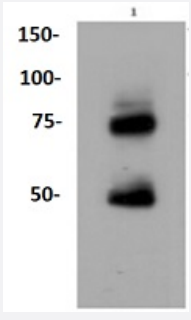
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human uterus tissue using NGFR recombinant monoclonal antibody (Cat # RAB09334). Counter stained with hematoxylin



Immunocytochemistry

Immunocytochemical staining of HeLa cells using NGFR recombinant monoclonal antibody (Cat # RAB09334)(green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.



Western Blot (Tissue lysate)

Western blot analysis of Lane1:The skeletal muscle tissue lysate of Human with NGFR recombinant monoclonal antibody (Cat # RAB09334) at 1:1000 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against NGFR.

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Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant NGFR.
Theoretical MW (kDa)	45, 75
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of NGFR p75 and does not cross-react with related proteins.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50-1:200) Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS , pH7.2 (0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
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 analysis of paraffin-embedded human uterus tissue using NGFR recombinant monoclonal antibody (Cat # RAB09334). Counter stained with hematoxylin

- Immunocytochemistry

  Immunocytochemical staining of HeLa cells using NGFR recombinant monoclonal antibody (Cat # RAB09334)(green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

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- Western Blot (Tissue lysate)

  Western blot analysis of Lane1:The skeletal muscle tissue lysate of Human with NGFR recombinant monoclonal antibody (Cat # RAB09334) at 1:1000 dilution.

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

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- 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

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