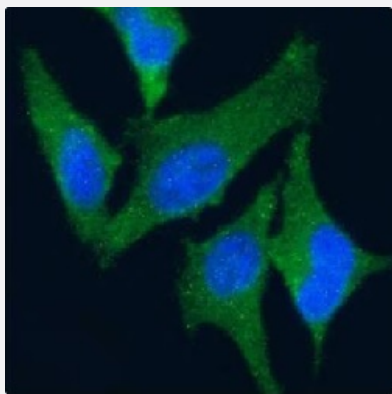


RecomAb™

NTRK1 recombinant monoclonal antibody, clone MNAC13

Catalog # RAB03916 Size 200 ug

Applications



Immunofluorescence

Immunofluorescence analysis of NTRK1 (green) in HeLa cells using human anti-TrkA recombinant monoclonal antibody, clone MNAC13 (Cat # RAB03916), and DAPI(blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TrkA ECD.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human TrkA ECD.
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Blocking ELISA Immunofluorescence Immunohistochemistry Surface Plasma Resonance The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% Proclin 300)

Storage Instruction

Store at 4°C for 3 months. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

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

- Immunofluorescence

Immunofluorescence analysis of NTRK1 (green) in HeLa cells using human anti-TrkA recombinant monoclonal antibody, clone MNAC13 (Cat # RAB03916), and DAPI(blue).

- Enzyme-linked Immunoabsorbent Assay

- Blocking

- Surface Plasmon Resonance

Gene Info — NTRK1

Entrez GeneID [4914](#)

Protein Accession# [P04629](#)

Gene Name NTRK1

Gene Alias DKFZp781I14186, MTC, TRK, TRK1, TRKA, p140-TrkA

Gene Description neurotrophic tyrosine kinase, receptor, type 1

Omim ID [155240](#) [191315](#) [256800](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date. [provided by RefSeq]

Other Designations OTTHUMP00000038736|Oncogene TRK|high affinity nerve growth factor receptor|tyrosine kinase receptor A

Pathway

- [Apoptosis](#)
- [Endocytosis](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Thyroid cancer](#)

Disease

- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hereditary Sensory and Autonomic Neuropathies](#)
- [Hyperparathyroidism](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Mental Disorders](#)
- [Neuroblastoma](#)
- [Social Perception](#)

- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)