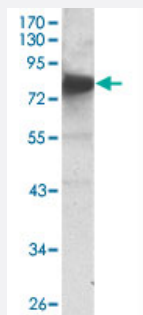


NTRK3 monoclonal antibody, clone 7H6

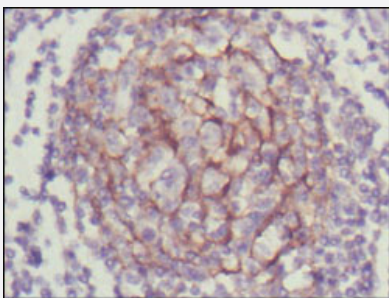
Catalog # MAB10586 Size 100 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis using NTRK3 monoclonal antibody, clone 7H6 (Cat # MAB10586) against extracellular domain of human NTRK3 (aa 32-429) .



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

Immunohistochemical analysis of paraffin-embedded human lymph node using NTRK3 monoclonal antibody, clone 7H6 (Cat # MAB10586) with DAB staining.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant NTRK3.
Immunogen	Recombinant hlgGfc tag fusion protein corresponding to extracellular fragment at amino acids 32-429 of human NTRK3.
Host	Mouse
Theoretical MW (kDa)	94
Reactivity	Human
Form	Liquid

Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% 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 (Recombinant protein)

Western blot analysis using NTRK3 monoclonal antibody, clone 7H6 (Cat # MAB10586) against extracellular domain of human NTRK3 (aa 32-429).

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

Immunohistochemical analysis of paraffin-embedded human lymph node using NTRK3 monoclonal antibody, clone 7H6 (Cat # MAB10586) with DAB staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NTRK3

Entrez GeneID	4916
Gene Name	NTRK3
Gene Alias	TRKC, gp145(trkC)
Gene Description	neurotrophic tyrosine kinase, receptor, type 3
Omim ID	191316
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. [provided by RefSeq]

Other Designations

ETS related protein-neurotrophic receptor tyrosine kinase fusion protein|ETV6-NTRK3 fusion|NT-3 growth factor receptor|OTTHUMP00000192915|neurotrophin 3 receptor|tyrosine kinase receptor C

Pathway

- [Neurotrophin signaling pathway](#)

Disease

- [Anxiety Disorders](#)
- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [Mood Disorders](#)
- [Neuropsychological Tests](#)
- [Obsessive-Compulsive Disorder](#)

- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Panic Disorder](#)
- [Pattern Recognition](#)
- [Recognition \(Psychology\)](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)