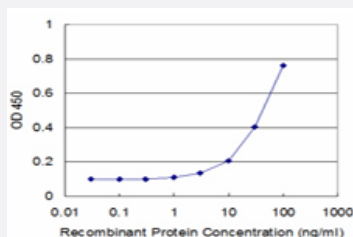


NTRK3 monoclonal antibody (M04), clone 4D5

Catalog # H00004916-M04

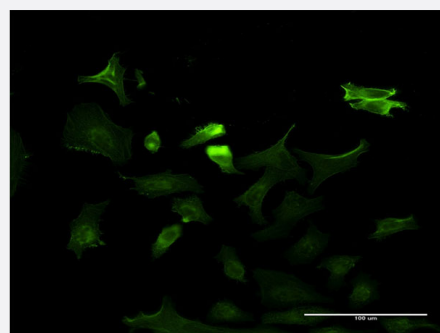
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NTRK3 is approximately 3ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to NTRK3 on HeLa cell .
[antibody concentration 10 ug/ml]

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant NTRK3.

Immunogen

NTRK3 (AAH13693, 41 a.a. ~ 160 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

TEINCRPPDDGNLFPLLEGQDSGNSNGNASINITDISRNITSIHIENWRSLSHTLNAVDMELYTGLQKLT
IKNSGLRSIQPRAFAKNPHLRYNLSSNRLTTLSWQLFQTLRLRELQLEQN

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NTRK3 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to NTRK3 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — NTRK3

Entrez GeneID	4916
GeneBank Accession#	BC013693
Protein Accession#	AAH13693
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](#)