

Trk C Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA1234
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant extracellular fragment of human Trk C (aa32-429) fused with hIgGfc tag expressed in HEK293 cells.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	NT-3 growth factor receptor
Synonyms	NTRK3; TRKC; NT-3 growth factor receptor; GPI45-TrkC; Trk-C; Neurotrophic tyrosine kinase receptor type 3; TrkC tyrosine kinase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. Several transcript variants encoding different isoforms have been found for this gene.

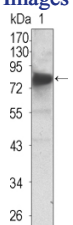
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using Trk C Monoclonal antibody against extracellular domain of human Trk C (aa32-429).

Storage

-20°C for one year