

Product Information

Recombinant Anti-Human ntrk3 Antibody

Cat. No.: **MOM-18516**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human NTRK3, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Receptor for neurotrophin-3 (NT-3). This is a tyrosine-protein kinase receptor. Known substrates for the trk receptors are SHC1, PI-3 kinase, and PLCG1. The different isoforms do not have identical signaling properties.

Specific Activity

Tested positive against native antigen.

Target

NTRK3

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by analysis by RP-HPLC.

Applications

Suitable for use in Neut, IF, IHC and most other immunological methods.

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[NTRK3 neurotrophic tyrosine kinase, receptor, type 3 \[Homo sapiens \]](#)

Official Symbol

NTRK3

Synonyms

NTRK3; neurotrophic tyrosine kinase, receptor, type 3; NT-3 growth factor receptor; TRKC; GP145-TrkC; ETV6-NTRK3 fusion; tyrosine kinase receptor C; ETS related protein-neurotrophic receptor tyrosine kinase fusion protein; gp145(trkC)

Gene ID

[4916](#)

mRNA Refseq

[NM_001007156](#)

Protein Refseq

[NP_001007157](#)

MIM

[191316](#)

UniProt ID

Q16288

Chromosome Location

15q24-q25

Pathway

Neurotrophic factor-mediated Trk receptor signaling, organism-specific biosystem; Neurotrophin signaling pathway, organism-specific biosystem; Neurotrophin signaling pathway, conserved biosystem;

Function

ATP binding; neurotrophin binding; nucleotide binding; receptor activity; transmembrane receptor protein tyrosine kinase activity;