

# Product Information

## Recombinant Anti-Human ntrk3 Antibody Fab Fragment

Cat. No.: **MOM-18516-F(E)**

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

### Product Overview

Recombinant Mouse Antibody Fab Fragment is directed against 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

Fab

### Expression Host

CHO

### Purity

>95.0% as determined by analysis by SDS-PAGE.

### Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

### Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

## 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;