

Product Information

Recombinant Anti-Human NGF Antibody Fab Fragment

Cat. No.: **MOM-18111-F(E)**

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

Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment is directed against Human NGF, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. It stimulates division and differentiation of sympathetic and embryonic sensory neurons.

Specific Activity

Tested positive against native antigen.

Target

NGF

Immunogen

The details of the immunogen for this antibody are not available.

Source

Humanized (from mouse)

Species Reactivity

Human

Type

Fab Fragment based on Humanized (from mouse) IgG2

Expression Host

CHO

Predicted N terminal

H chain: QVQLQES; L Chain: DIQMTQS

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 at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name

[NGF nerve growth factor \(beta polypeptide\) \[Homo sapiens \]](#)

Official Symbol

NGF

Synonyms

NGF; nerve growth factor (beta polypeptide); NGFB; beta-nerve growth factor; nerve growth factor, beta subunit; HSN5; Beta-NGF; MGC161426; MGC161428;

Gene ID

[4803](#)

mRNA Refseq

[NM_002506](#)

Protein Refseq

[NP_002497](#)

MIM

[162030](#)

UniProt ID

P01138

Chromosome Location

1p13.1

Pathway

ARMS-mediated activation, organism-specific biosystem; Activation of TRKA receptors, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Axonal growth stimulation, organism-specific biosystem; Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; Ceramide signalling, organism-specific biosystem;

Function

growth factor activity; nerve growth factor receptor binding; receptor signaling protein activity;