SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human NGF Antibody Fab Fragment

Cat. No.: **MOM-18111-F(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment is against Human NGF, expressed in E. coli

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

E. coli

Predicted N terminal

H chain: QVQLQES; L Chain: DIQMTQS

Purity

Purity >95% by SDS-PAGE.

Applications

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

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFOMATION

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; HSAN5; 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;

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