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 HGF Antibody Fab Fragment

Cat. No.: **MOM-18080-F(E)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Human Antibody Fab Fragment is against Human HGF, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

HGF is a potent mitogen for mature parenchymal hepatocyte cells, seems to be an hepatotrophic factor, and acts as growth factor for a broad spectrum of tissues and cell types. It has no detectable protease activity.

Specific Activity

Tested positive against native antigen.

Target

HGF

Source

Human

Species Reactivity

Human

Type

Fab Fragment based on Human IgG2 - kappa

Expression Host

CHO

Predicted N terminal

H Chain: QVQLQES; L Chain: EIVMTQS

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

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 INFOMATION

Gene Name

HGF hepatocyte growth factor (hepapoietin A; scatter factor) [Homo sapiens]

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Official Symbol

HGF

Synonyms

HGF; hepatocyte growth factor (hepapoietin A; scatter factor); deafness, autosomal recessive 39 , DFNB39; hepatocyte growth factor; F TCF; fibroblast derived tumor cytotoxic factor; hepatopoietin A; HGFB; HPTA; lung fibroblast derived mitogen; scatter factor; SF; hepatopoeitin-A; hepatopoietin-A; lung fibroblast-derived mitogen; fibroblast-derived tumor cytotoxic factor; F-TCF; DFNB39;

Gene ID

3082

mRNA Refseq

NM_000601

Protein Refseq

NP_000592

MIM

142409

UniProt ID

P14210

Chromosome Location

7q21.1

Pathway

Arf6 signaling events, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Direct p53 effectors, organism-specific biosystem; FGF signaling pathway, organism-specific biosystem; Focal Adhesion, organism-specific biosystem;

Function

catalytic activity; growth factor activity; protein binding; protein heterodimerization activity; NOT serine-type endopeptidase activity;

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