

# Product Information

## Recombinant Anti-Human HGF Antibody

Cat. No.: **MOM-18080**

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

### Product Overview

Recombinant Human Antibody is directed 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

Human IgG2 - kappa

### Expression Host

CHO

### Predicted N terminal

H Chain: QVQLQES; L Chain: EIVMTQS

### Purity

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

### Applications

Suitable for use in FuncS, IF, Neut, ELISA 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

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

**Official Symbol**

HGF

**Synonyms**

HGF; hepatocyte growth factor (hepatopoietin 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;