

# Anti-HGF / Hepatocyte Growth Factor antibody



Catalog Number: 100128

## Product name

Anti-HGF / Hepatocyte Growth Factor antibody

## Immunogen

[Human HGF / Hepatocyte Growth Factor recombinant protein](#)

## Specificity

Human HGF / Hepatocyte Growth Factor  
**No cross-reactivity** with Mouse HGF (503003) and Rat HGF (504728) in ELISA assay

## Antibody description

Mouse monoclonal to HGF / Hepatocyte Growth Factor

## Preparation

It is a chimeric monoclonal antibody combining the constant domains of the human IgG1 molecule with mouse variable regions. The variable region was obtained from a mouse immunized with purified, recombinant Human HGF / Hepatocyte Growth Factor. The antibody was produced using recombinant antibody technology.

## Formulation

0.2 µm filtered solution in PBS

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Monoclonal

## Ig Type

Mouse (variable region) / Human (kappa / IgG1 constant)

## Applications

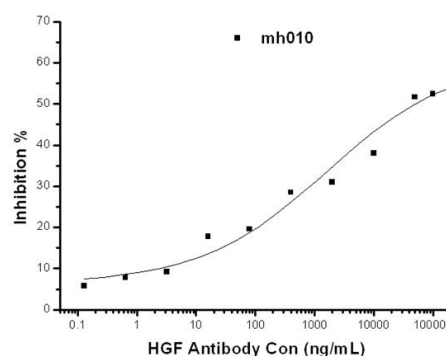
B/N

## Dilutions

**Block** - This HGF Neutralizing Antibody can block the binding of recombinant human HGF Protein to its recombinant receptor HGFR.

**Neutralization** - The neutralization activity of HGF Neutralizing Antibody is Measured by its ability to neutralize autocrine HGF-induced proliferation in the U87 MG cell line. Proliferation of U87 MG cells elicited by autocrine HGF was inhibited by increasing concentrations of Human HGF Monoclonal Antibody. The IC50 is typically 1-4 µg/mL.

## Validations



HGF / Hepatocyte Growth Factor Neutralizing Antibody

**Cell Proliferation was Inhibited by Human HGF Antibody.** Proliferation of U87 MG cells elicited by autocrine HGF was inhibited by increasing concentrations of Human HGF neutralizing Monoclonal Antibody (Catalog 10463-mh010). The IC50 is typically 1-4 µg/mL.