

**Anti-human Hepatocyte Growth Factor/Scatter Factor (HGF/SF), mouse monoclonal**

Catalog Number: 905-163

Quantity: 100 µg

Introduction: Hepatocyte growth factor/scatter factor (HGF/SF) is a multifunctional heterodimeric polypeptide and an effector of cells expressing the Met tyrosine kinase receptor. It mediates the growth and scattering of various cell types, epithelial mesenchymal transition, the formation of tubules and lumens and promotes angiogenesis. The ligand-receptor pair has also shown to be uniquely involved in most human solid tumors and to participate in tumor development, invasion and metastasis. A10 is an anti-HGF neutralizing monoclonal antibody that inhibits tumor growth in mouse xenografts.

Immunogen: Human HGF

Clone: A10

Subclass: IgG<sub>1/κ</sub>

Purification: Protein G

Form: 1 mg/mL concentration in PBS with 0.01% Sodium Azide

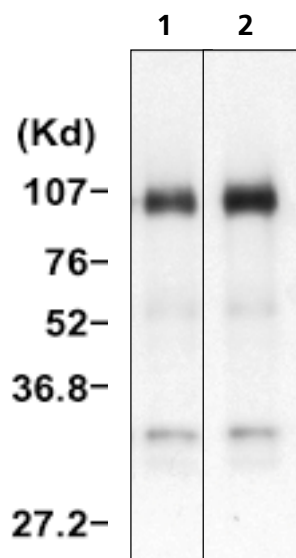
Stability: Two years at -20 °C

**For Research Use Only; Not for Therapeutic or Diagnostic Use.**

Application:

This antibody has been tested in Western Blotting and immunoprecipitation.

The end-user must determine the optimal dilutions for all applications.



Immunoprecipitation:

Lane 1 – anti-human HGF Clone A10

Lane 2 – positive anti-serum

Specificity:

Reacts with human HGF in immunohistochemistry and can immunoprecipitate human or mouse HGF from HGF-expressing cell culture supernatants.

References:

1. B. Cao, et al., *Proc. Natl. Acad. Sci.*, (2001) 98(13): 7443-7448.
2. Y.W. Zhang, et al., *Oncogene*, (2002) 22: 217-226.

**For Research Use Only; Not for Therapeutic or Diagnostic Use.**