

**HGF Antibody (clone 7-2)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS12735****Specification**

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**HGF Antibody (clone 7-2) - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">P14210</a>
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	83kDa KDa

**HGF Antibody (clone 7-2) - Additional Information****Gene ID** 3082**Other Names**

Hepatocyte growth factor, Hepatopoietin-A, Scatter factor, SF, Hepatocyte growth factor alpha chain, Hepatocyte growth factor beta chain, HGF, HPTA

**Target/Specificity**

Reacts with human HGF and to a lesser extent, mouse by Western Blot.

**Reconstitution & Storage**

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

**Precautions**

HGF Antibody (clone 7-2) is for research use only and not for use in diagnostic or therapeutic procedures.

**HGF Antibody (clone 7-2) - Protein Information****Name** HGF**Synonyms** HPTA**Function**

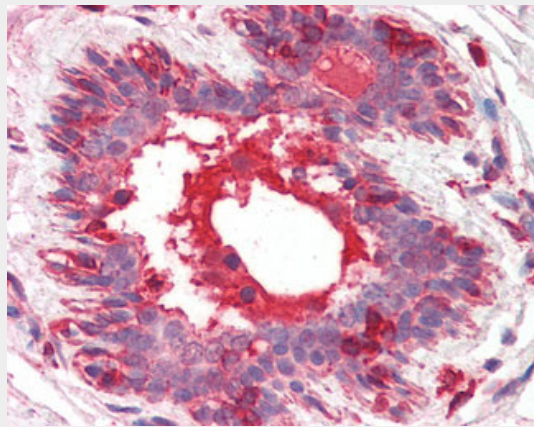
Potent mitogen for mature parenchymal hepatocyte cells, seems to be a hepatotrophic factor, and acts as a growth factor for a broad spectrum of tissues and cell types (PubMed:<a href="http://www.uniprot.org/citations/20624990" target="\_blank">20624990</a>). Activating ligand for the receptor tyrosine kinase MET by binding to it and promoting its dimerization (PubMed:<a href="http://www.uniprot.org/citations/15167892" target="\_blank">15167892</a>, PubMed:<a href="http://www.uniprot.org/citations/20977675" target="\_blank">20977675</a>). Activates MAPK signaling following Tmprss13 cleavage and activation (PubMed:<a href="http://www.uniprot.org/citations/20977675" target="\_blank">20977675</a>).

## HGF Antibody (clone 7-2) - Protocols

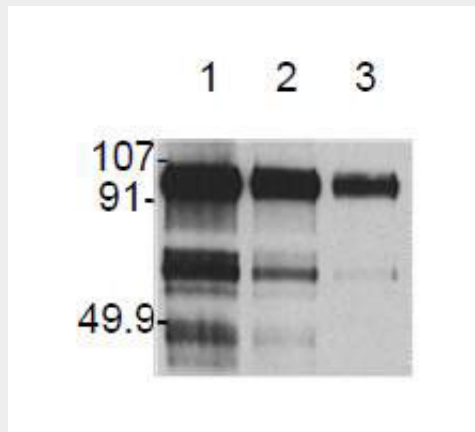
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## HGF Antibody (clone 7-2) - Images



Anti-HGF antibody IHC of human breast.



Western Blot: Lane 1- hHGF 1 ug, Lane 2- hHGF 0.5 ug, Lane 3- hHGF 0.25 ug.

## HGF Antibody (clone 7-2) - Background

Potent mitogen for mature parenchymal hepatocyte cells, seems to be a hepatotropic factor, and acts as a growth factor for a broad spectrum of tissues and cell types. Activating ligand for the receptor tyrosine kinase MET by binding to it and promoting its dimerization.

## HGF Antibody (clone 7-2) - References

Miyazawa K., et al. Biochem. Biophys. Res. Commun. 163:967-973(1989).

Nakamura T., et al. Nature 342:440-443(1989).  
Seki T., et al. Biochem. Biophys. Res. Commun. 172:321-327(1990).  
Seki T., et al. Gene 102:213-219(1991).  
Miyazawa K., et al. Eur. J. Biochem. 197:15-22(1991).