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HGF Antibody (clone 7-2)

Mouse Monoclonal Antibody

Catalog # ALS12735

Specification

HGF Antibody (clone 7-2) - Product Information

Application	**IHC, WB**
Primary Accession	P14210
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:20624990). Activating ligand for the receptor tyrosine kinase MET by binding to it and promoting its dimerization (PubMed:20977675, PubMed:15167892). Activates MAPK signaling following TMPRSS13 cleavage and activation (PubMed:20977675).

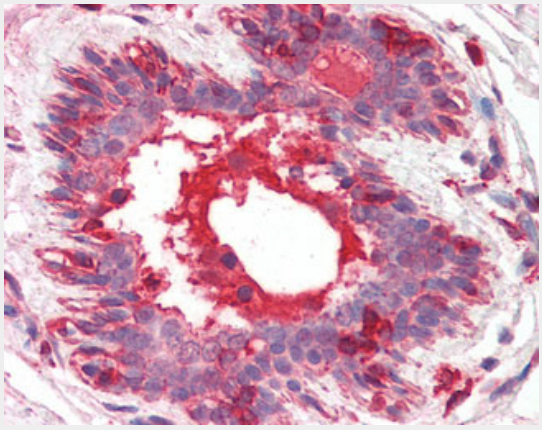
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HGF Antibody (clone 7-2) - Protocols

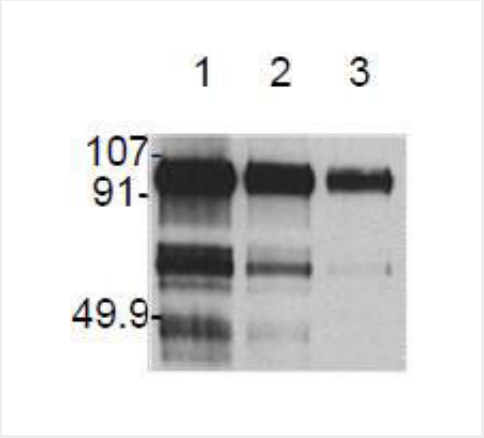
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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 hepatotrophic 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).