



# HGF Monoclonal Antibody

Catalog No	BYmab-16070
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	HGF
Protein Name	Hepatocyte growth factor
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human HGF. AA range:500-600
Specificity	HGF Monoclonal Antibody detects endogenous levels of HGF protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HGF; HPTA; Hepatocyte growth factor; Hepatopoietin-A; Scatter factor; SF
Observed Band	80kD
Cell Pathway	extracellular region,extracellular space,membrane,platelet alpha granule lumen,
Tissue Specificity	Brain,Embryonic fibroblast,Leukocyte,Liver,Lung fibroblast,Placenta,
Function	function: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.,online information:Hepatocyte growth factor entry,similarity:Belongs to the peptidase S1 family. Plasminogen subfamily.,similarity:Contains 1 PAN domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 4 kringle domains.,subunit:Dimer of an alpha chain and a beta chain linked by a disulfide bond.,
Background	This gene encodes a protein that binds to the hepatocyte growth factor receptor to regulate cell growth, cell motility and morphogenesis in numerous cell and

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tissue types. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate alpha and beta chains, which form the mature heterodimer. This protein is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. This protein also plays a role in angiogenesis, tumorigenesis, and tissue regeneration. Although the encoded protein is a member of the peptidase S1 family of serine proteases, it lacks peptidase activity. Mutations in this gene are associated with nonsyndromic hearing loss. [provided by RefSeq, Nov 2015],

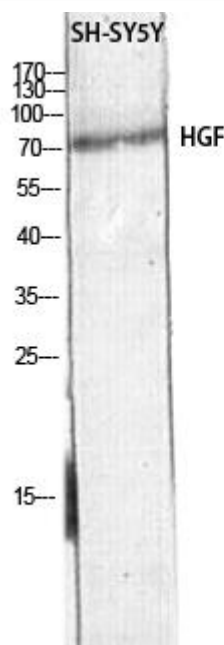
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using HGF Monoclonal Antibody