



HGF Monoclonal Antibody

Catalog No	YP-mAb-16070
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HGF
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HGF Alpha;Hepatocyte growth factor;Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain;Hepatopoietin-A;HGF;HPTA;Scatter factor; SF
Observed Band	80kD
Calculated Molecular Weight	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 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],

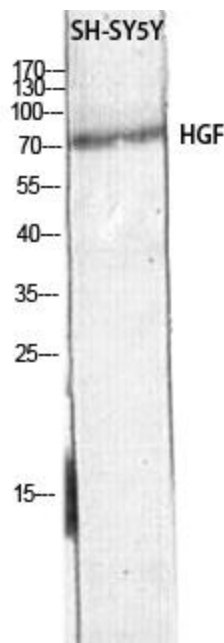
matters needing attention

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