

Basic Information

Product Name	Anti-HGF Antibody (Clone#OTI1D2)
Gene Name	HGF
Source	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Species Reactivity	human, mouse, rat
Tested Application	IHC, WB
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Human recombinant protein fragment corresponding to amino acids 200-494 of human HGF(NP_000592) produced in E.coli.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	79.6 kDa
Dilution Ratios	Western blot (WB): 1:2000 Immunohistochemistry (IHC):1:150

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

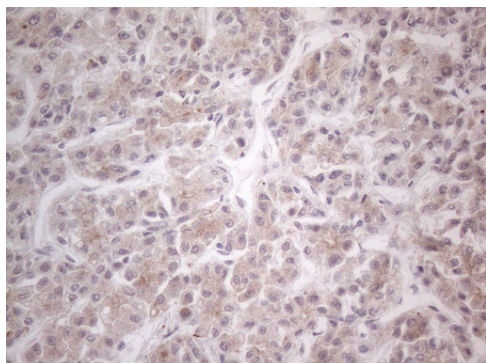
Background Information

Hepatocyte growth factor/scatter factor (HGF/SF) is a paracrine cellular growth, motility and morphogenic factor. This gene is mapped to 7q21.11. It is secreted by mesenchymal cells and targets and acts primarily upon epithelial cells and endothelial cells, but also acts on haemopoietic progenitor cells. It has been shown to have a major role in embryonic organ development, specifically in myogenesis, in adult organ regeneration and in wound healing. HGF can regulate cell growth, cell motility, and morphogenesis by activating a tyrosine kinase signaling cascade after binding to the proto-oncogenic c-Met receptor. HGF also serves as a paracrine mediator to control placental development and growth. HGF was identified as one of the liver sinusoidal endothelial cell-derived paracrine mediators promoting hepatocyte growth.

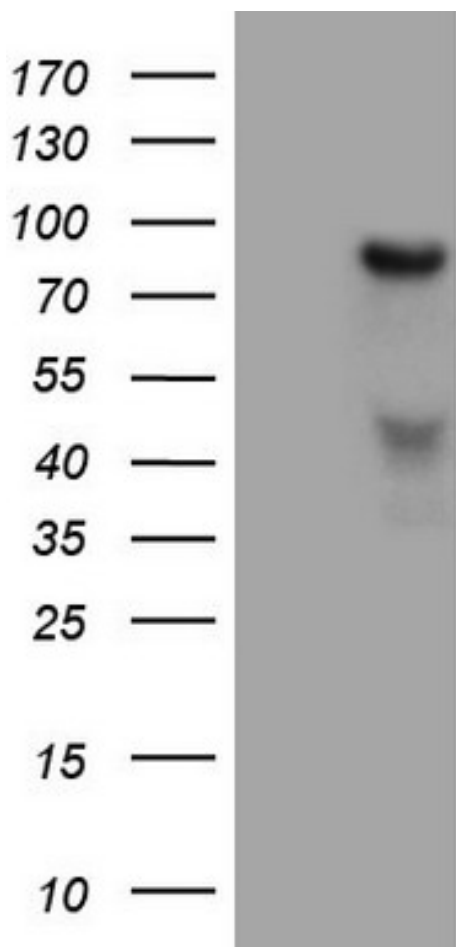
Reference

Anti-HGF Antibody (Clone#OTI1D2)被引用在2文献中。

Selected Validation Data



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-HGF mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, MA00089) (1:150)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HGF (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HGF (1:2000).

Product datasheet

Anti-HGF Antibody (Clone#OTI1D2)

Catalog Number: MA00089



antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY

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