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anti-MST1 antibody





Overview

Quantity:	100 μL
Target:	MST1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This MST1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human MSP/MST1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

MST1
MSP/MST1 (MST1 Products)
The protein encoded by this gene contains four kringle domains and a serine protease domain, similar to that found in hepatic growth factor. Despite the presence of the serine protease

domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds. [provided by RefSeq, Jan 2010],D3F15S2, DNF15S2, HGFL, MSP, NF15S2,Cancer,Cell Intrinsic Innate Immunity Signaling Pathway,Epigenetic writers and erasers of core Histones,Epigenetic writers and erasers of core Histones_Phosphorylation,Epigenetics & Nuclear Signaling,Immunology & Inflammation,Kinase,Signal Transduction,Tumor biomarkers,MSP/MST1

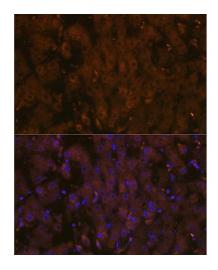
Molecular Weight:	85 kDa
Gene ID:	4485
UniProt:	P26927

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

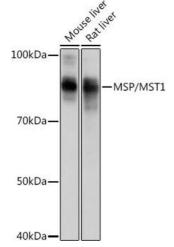
Handling

Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



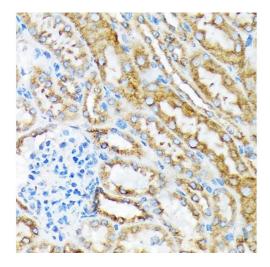
Immunofluorescence

Image 1. Immunofluorescence analysis of human liver using MSP/MST1 Rabbit mAb (ABIN1680891, ABIN1680890, ABIN3015057 and ABIN3015058) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using MSP/MST1 Rabbit mAb (ABIN1680891, ABIN1680890, ABIN3015057 and ABIN3015058) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded mouse kidney using MSP/MST1 Rabbit mAb (ABIN1680891, ABIN1680890, ABIN3015057 and ABIN3015058) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 4 images are available for ABIN3015057.