

Datasheet for ABIN754303
anti-MST1R antibody (AA 151-250)



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Overview

Quantity:	100 µL
Target:	MST1R
Binding Specificity:	AA 151-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MST1R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MST1R/Ron
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	MST1R
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Target Details

Alternative Name:	MST1R (MST1R Products)
Background:	<p>Synonyms: c met related tyrosine kinase, CD136, CD136 antigen, CDw136, Macrophage stimulating 1 receptor c met related tyrosine kinase, Macrophage stimulating 1 receptor, Macrophage stimulating protein receptor alpha chain, MACROPHAGE STIMULATING PROTEIN RECEPTOR, Macrophage stimulating protein receptor beta chain, Macrophage-Stimulating 1 Receptor MST1R, Macrophage-stimulating protein receptor beta chain, MSP receptor, Mst1r, MST1R variant RON30, MST1R variant RON62, p185 RON, p185-Ron, Protein-tyrosine kinase 8, PTK 8, ptk8, PTK8 protein tyrosine kinase 8, Recepteur d'origine nantis RON, RON, RON protein tyrosine kinase, RON variant E2E3, RON_HUMAN, Soluble RON variant 1, Soluble RON variant 2, Soluble RON variant 3, Soluble RON variant 4, Stem cell derived tyrosine kinase.</p> <p>Background: MST1R/Ron, a HGF Receptor/MET-type protein kinase, mediates the biological activities of macrophage-stimulating protein (MSP), a multifunctional cytokine that regulates cell adhesion, motility, growth, and survival. The protein is a membrane-spanning, disulfide-linked heterodimer, which results from cleavage of a glycosylated precursor into 35-kD (alpha) and 150-kD (beta) subunits. Ligand binding results in tyrosine phosphorylation of the beta chain. In knockout studies, MST1R/RON (-/-) mice failed to survive past the periimplantation period. The MST1R/RON gene has been mapped to 3p21, a region of frequent deletion or mutation in small cell lung and renal carcinoma, and has been implicated in the progression of several epithelial cancers. Ron expression has been documented in many normal human tissues. ESTs have been isolated from several tissue libraries, including normal colon, mouth, prostate, and testis and cancerous colon, prostate, stomach, and uterus.</p>
Gene ID:	4486
Pathways:	RTK Signaling

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months