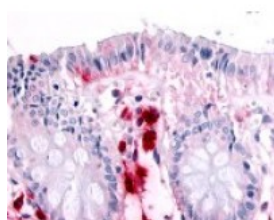




MST1R Antibody

CATALOG NUMBER: 48-321



Immunohistochemistry staining of MST1R
in colon, surface epithelium tissue using
MST1R Antibody.

Specifications

SPECIES REACTIVITY:	Bat, Gorilla, Human, Monkey
TESTED APPLICATIONS:	IHC
APPLICATIONS:	MST1R antibody can be used in immunohistochemistry starting at 20 ug/mL, and immunofluorescence.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
IMMUNOGEN:	MST1R antibody was raised against a peptide located near the internal domain of MST1R (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.1% sodium azide.
STORAGE CONDITIONS:	MST1R antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MST1R, C-met-related tyrosine kinase, CD136, CDw136, CD136 antigen, Friend virus susceptibility 2, Fv2, MSP receptor, p185-Ron, PTK8 protein tyrosine kinase 8, RON, Soluble RON variant 3, Soluble RON variant 1, MST1R variant RON30, Oncogene RON, PTK8, MST1R variant RON62, Protein-tyrosine kinase 8, RON variant E2E3, Soluble RON variant 2, Soluble RON variant 4
ACCESSION NO.:	Q04912
PROTEIN GI NO.:	294862462
OFFICIAL SYMBOL:	MST1R
GENE ID:	4486

Background

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.

FOR RESEARCH USE ONLY

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