



Ron Monoclonal Antibody

Catalog No	YP-Ab-12940
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	MST1R
Immunogen	Purified recombinant fragment of human Ron (aa210-320) expressed in E. Coli.
Specificity	Ron Monoclonal Antibody detects endogenous levels of Ron protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MST1R;CD136;CDw136;EC:2.7.10.1;Macrophage-stimulating protein receptor; Ron;PTK8;MSP receptor;Protein-tyrosine kinase 8;p185-Ron;CD antigen CD136
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Expressed in colon, skin, lung and bone marrow.
Function	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Receptor for macrophage stimulating protein (MSP). Has a tyrosine-protein kinase activity.,PTM:Phosphorylated in response to ligand binding.,PTM:Proteolytic processing yields the two subunits.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 Sema domain.,similarity:Contains 3 IPT/TIG domains.,subunit:Heterodimer formed of an alpha chain and a beta chain which are disulfide linked. Binds PLXNB1. Associates with and is negatively regulated by HYAL2.,tissue specificity:Keratinocytes and lung.,



Background

This gene encodes a cell surface receptor for macrophage-stimulating protein (MSP) with tyrosine kinase activity. The mature form of this protein is a heterodimer of disulfide-linked alpha and beta subunits, generated by proteolytic cleavage of a single-chain precursor. The beta subunit undergoes tyrosine phosphorylation upon stimulation by MSP. This protein is expressed on the ciliated epithelia of the mucociliary transport apparatus of the lung, and together with MSP, thought to be involved in host defense. Alternative splicing generates multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. [provided by RefSeq, Jan 2016],

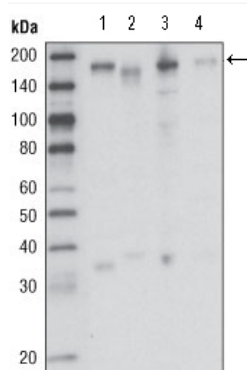
matters needing attention

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 using Ron Monoclonal Antibody against HCC827 (1), HT-29 (2), HCT-116 (3) and BxPC-3 (4) cell lysate.