bs-7919R **[Primary Antibody]**

phospho-MST1R (Tyr1353) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 4486 **SWISS:** Q04912

Target: MST1R (Tyr1353)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human MST1R around the phosphorylation site of Tyr1353 : DH(p-Y)VQ.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

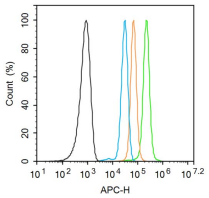
Applications: **Flow-Cyt** (3ug/Test)

Reactivity: Human (predicted: Mouse, Rat, Pig, Dog, Horse)

Predicted MW.: 150 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Blank control (Black line): A431 (Black). Primary Antibody (green line): Rabbit Anti-phospho-MST1R(Tyr1353) antibody (bs-7919R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF647 Dilution: 3µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.