## **Product Datasheet**

## Ron (Phospho-Tyr1238+Tyr1239) Antibody FITC Conjugated

Catalog No: #C00602F



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Product NameRon (Phospho-Tyr1238+Tyr1239) Antibody FITC ConjugatedHost SpeciesRabbitConalityPolyclonalIsotypeIgGPurificationPurified by Protein A.ApplicationsFlow-Cyt ICC IFSpecies ReactivityHu Ms RtImmogen DescriptionKLH conjugated synthetic phosphopeptide aa 1235-1245 1400 derived from human MST1R around the phosphorylation site of Tyr1238+Tyr1239ConjugatesFITCTarget NameRon Tyr1238+Tyr1239Other NamesSwiss-Prot#Qot912NCB1 Gene ID486LingrodQd912Accession No.Swiss-Prot#Qot912NCB1 Gene ID486UniprotQu4912GeneID4486;Exclution EmissionEl membraneColl LocalizationCell membraneConcentrationImg mlFormulationSuffick/Tyr1249 Spr01in300 and 50% Giyceroti.StorageShiped at 4°C. Store at -20°C for on eyear. Avoid repeated freezer/thaw cycles.	Description	
ClonalityPolyclonalIsotypeIgGPurificationPurified by Protein A.ApplicationsFlow-Cyt ICC IFSpecies ReactivityHu Ms RtImmunogen DescriptionKLH conjugated synthetic phosphopeptide aa 1235-1245 1400 derived from human MST1R around the phosphorylation site of Tyr1238+Tyr1239ConjugatesFITCTarget NameRon Tyr1238+Tyr1239Other NamesRON; PTK8; CD136; CDw136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission494nn 518nmCell LocalizationCell membraneConcentrationImg mlConcentrationIng mlFurnulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Product Name	Ron (Phospho-Tyr1238+Tyr1239) Antibody FITC Conjugated
IsotypeIgGPurificationPurified by Protein A.ApplicationsFlow-Cyt ICC IFSpecies ReactivityHu Ms RtImmunogen DescriptionKLH conjugated synthetic phosphopeptide aa 1235-1245 1400 derived from human MST1R around the phosphorylation site of Tyr1238+Tyr1239ConjugatesFITCTarget NameRon Tyr1238+Tyr1239Other NamesRON; PTK8; CD136; CDw136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation EmissionGell membraneCell LocalizationCell membraneConcentration1mg mlFormulation0.01M TBS(pHT.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Host Species	Rabbit
PurificationPurified by Protein A.ApplicationsFlow-Cyt ICC IFSpecies ReactivityHu Ms RtImmunogen DescriptionKLH conjugated synthetic phosphopeptide aa 1235-1245 1400 derived from human MST1R around the phosphorylation site of Tyr1238+Tyr1239ConjugatesFITCTarget NameRon Tyr1238+Tyr1239Other NamesRON; PTK8; CD136; CDw136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission494nm 518nmCell LocalizationCell membraneConcentrationImg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Clonality	Polyclonal
ApplicationsFlow-Cyt ICC IFSpecies ReactivityHu Ms RtImmunogen DescriptionKLH conjugated synthetic phosphopeptide aa 1235-1245 1400 derived from human MST1R around the phosphorylation site of Tyr1238+Tyr1239ConjugatesFITCTarget NameRon Tyr1238+Tyr1239Other NamesRON; PTK8; CD136; CDw136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission494nm 518nmColl LocalizationCell membraneConcentration1mg mlConcentration1mg ml	Isotype	IgG
Species ReactivityHu Ms RtImmunogen DescriptionKLH conjugated synthetic phosphopeptide aa 1235-1245 1400 derived from human MST1R around the phosphorylation site of Tyr1238+Tyr1239ConjugatesFITCTarget NameRon Tyr1238+Tyr1239Other NamesRON; PTK8; CD136; CDv136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission494nm 518nmCell LocalizationCell membraneConcentration1mg mlConcentration1.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Purification	Purified by Protein A.
Immunogen DescriptionKLH conjugated synthetic phosphopeptide aa 1235-1245 1400 derived from human MST1R around the phosphorylation site of Tyr1238+Tyr1239ConjugatesFITCTarget NameRon Tyr1238+Tyr1239Other NamesRON; PTK8; CD136; CDw136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission494nm 518nmCell LocalizationCell membraneConcentrationImg mlFormulation0.011M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Applications	Flow-Cyt ICC IF
phosphorylation site of Tyr1238+Tyr1239ConjugatesFITCTarget NameRon Tyr1238+Tyr1239Other NamesRON; PTK8; CD136; CDw136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission494nm 518nmColl LocalizationCell membraneConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Species Reactivity	Hu Ms Rt
ConjugatesFITCTarget NameRon Tyr1238+Tyr1239Other NamesRON; PTK8; CD136; CDw136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission494nm 518nmCell LocalizationCell membraneConcentrationImg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Immunogen Description	KLH conjugated synthetic phosphopeptide aa 1235-1245 1400 derived from human MST1R around the
Target NameRon Tyr1238+Tyr1239Other NamesRON; PTK8; CD136; CDw136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission494nm 518nmCell LocalizationCell membraneConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.		phosphorylation site of Tyr1238+Tyr1239
Other NamesRON; PTK8; CD136; CDw136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission4486;Cell LocalizationCell membraneConcentrationImg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Conjugates	FITC
kinase 8; p185-Ron; MST1RAccession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission494nm 518nmCell LocalizationCell membraneConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Target Name	Ron Tyr1238+Tyr1239
Accession No.Swiss-Prot#Q04912NCBI Gene ID4486UniprotQ04912GeneID4486;Excitation Emission494nm 518nmCell LocalizationCell membraneConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Other Names	RON; PTK8; CD136; CDw136; Macrophage-stimulating protein receptor; MSP receptor; Protein-tyrosine
UniprotQ04912GeneID4486;Excitation Emission494nm 518nmCell LocalizationCell membraneConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.		kinase 8; p185-Ron; MST1R
GeneID4486;Excitation Emission494nm 518nmCell LocalizationCell membraneConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Accession No.	Swiss-Prot#Q04912NCBI Gene ID4486
Excitation Emission494nm 518nmCell LocalizationCell membraneConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Uniprot	Q04912
Cell LocalizationCell membraneConcentration1mg mlFormulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	GenelD	4486;
Concentration 1mg ml   Formulation 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Excitation Emission	494nm 518nm
Formulation0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	Cell Localization	Cell membrane
	Concentration	1mg ml
Storage Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
	Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## **Application Details**

Flow-Cyt=1:50-200 ICC=1:50-200 IF=1:50-200

## Background

Receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to MST1 ligand. Regulates many physiological processes including cell survival, migration and differentiation. Ligand binding at the cell surface induces autophosphorylation of RON on its intracellular domain that provides docking sites for downstream signaling molecules. Following activation by ligand, interacts with the PI3-kinase subunit PIK3R1, PLCG1 or the adapter GAB1. Recruitment of these downstream effectors by RON leads to the activation of several signaling cascades including the RAS-ERK, PI3 kinase-AKT, or PLCgamma-PKC. RON signaling activates the wound healing response by promoting epithelial cell migration, proliferation as well as survival at the wound site. Plays also a role in the innate immune response by regulating the migration and phagocytic activity of macrophages. Alternatively, RON can also promote signals such as cell migration and proliferation in response to growth factors other than MST1 ligand.

Note: This product is for in vitro research use only