10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-MSPR / RON / CD136 Reference Antibody (narnatumab)

Recombinant Antibody
Catalog # APR10164

Specification

Anti-MSPR / RON / CD136 Reference Antibody (narnatumab) - Product Information

Application	**FC, E, FTA**
Primary Accession	Q04912
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**145.8 KDa**

Anti-MSPR / RON / CD136 Reference Antibody (narnatumab) - Additional Information

Target/Specificity
MSPR / RON / CD136

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-MSPR / RON / CD136 Reference Antibody (narnatumab) - Protein Information

Name MST1R

Synonyms PTK8, RON

Function
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. Also plays 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.

Cellular Location
Membrane; Single-pass type I membrane protein.

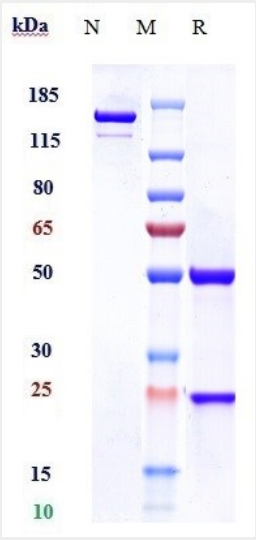
Tissue Location
Expressed in colon, skin, lung and bone marrow.

Anti-MSPR / RON / CD136 Reference Antibody (narnatumab) - Protocols

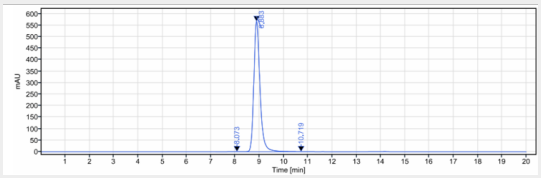
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-MSPR / RON / CD136 Reference Antibody (narnatumab) - Images



Anti-MSPR / RON / CD136 Reference Antibody (narnatumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-MSPR / RON / CD136 Reference Antibody (narnatumab)is more than 99.2% ,determined by SEC-HPLC.