

Product Information	
Catalog No.	BS10181
Product name	Anti-Human MSPR/Ron Reference Antibody (Narnatumab, RUO)
Applications	ELISA, Bioactivity: FACS, Functional assay, Research in vivo
Species reactivity	Human
Host species	Human
Clonality	Monoclonal
Isotype	IgG1-kappa
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4.
Concentration	1mg/ml
Purity	>95% purity as determined by SDS-PAGE.
Purification	Protein A/G purified from cell culture supernatant.
Target	CD136, Macrophage-stimulating protein receptor, PTK8, MST1R, p185-Ron, RON, CDw136, MSP receptor, Protein-tyrosine kinase 8
Expression system	Mammalian Cells
Accession	Q04912
Endotoxin level	Please contact the lab for this information.
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C for short-term storage (1-2 weeks). Store at -20°C for up to 12 months. For long-term storage, store at -80°C.
Alternative Names	IMCRON-8, RON8, 1188275-92-4
Note	For research use only. Not suitable for clinical or therapeutic use.

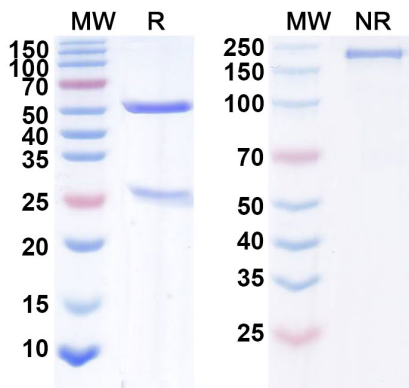
Background

Narnatumab (IMC-RON8) is a neutralizing human monoclonal antibody that blocks RON binding to its ligand, macrophage-stimulating protein (MSP), with a K_d of 32 pM. Narnatumab can be used for the research of cancer.

- Macrophage-stimulating protein and RON receptor tyrosine kinase: potential regulators of macrophage inflammatory activities., PMID:12472665
- Macrophage stimulating protein., PMID:10549357
- MSP-RON Pathway: Potential Regulator of Inflammation and Innate Immunity., PMID:33117355
- An Introduction and Overview of RON Receptor Tyrosine Kinase Signaling., PMID:36833444
- Oncogenic and invasive potentials of human macrophage-stimulating protein receptor, the RON receptor tyrosine kinase., PMID:12807733
- Roles of macrophage stimulating protein and tyrosine kinase receptor RON in smoke-induced airway inflammation of rats., PMID:26464622
- Kinases involved in MSP/RON signaling., PMID:10080538
- Role of macrophage-stimulating protein and its receptor, RON tyrosine kinase, in ciliary motility., PMID:9045873

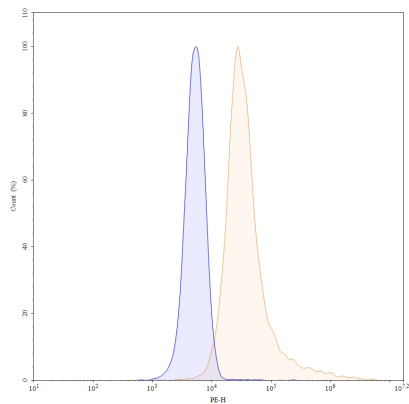
- MSP-RON signalling in cancer: pathogenesis and therapeutic potential., PMID:23792360
- The ron receptor tyrosine kinase: a key regulator of inflammation and cancer progression., PMID:24266348

Image Data



SDS-PAGE for Research Grade Narnatumab.

SDS-PAGE



Flow-cytometry using PE anti-human CD136 antibody. SW480 cells were stained with an irrelevant antibody (Blue Histogram) or an PE anti-human CD136 monoclonal antibody (Catalog: HC609016, Yellow Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, and cells analysed on a NovoCyte Flow Cytometer.

Flow CytoMetry