

Mouse RON/CD136 Monoclonal Antibody | anti-MST1R antibody

Anti-RON/CD136 Antibody, Mouse Monoclonal

CATALOG # AAA255432	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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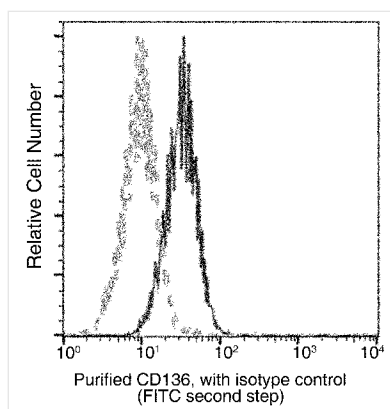
PRODUCT SYNONYMS

RON/CD136; Monoclonal Antibody; Anti-RON/CD136 Antibody; Mouse Monoclonal; CD136/MST1R Antibody; Mouse MAb; macrophage stimulating 1 receptor; Anti-CD136 Antibody; Anti-CDw136 Antibody; Anti-PTK8 Antibody; Anti-RON Antibody; anti-MST1R antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Number	03
Specificity	Human CD136/MST1R
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MST1R antibody	FCM/FACS (Flow Cytometry)
Immunogen	Recombinant Human CD136/MST1R Protein
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD136/MST1R (rh CD136/MST1R). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Human CD136 expression on SW480 cells. Cells were stained with purified anti-Human LILRA3(CD85e), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells

ADDITIONAL INFORMATION

Product Categories/Family for anti-MST1R antibody	Receptor Tyrosine Kinases (RTKs)
References	Ronsin C, et al. (1993) A novel putative receptor protein tyrosine kinase of the met family. Oncogene. 8: 1195-1202.McDowell SA, et al. (2002) The role of the receptor tyrosine kinase Ron in nickel-induced acute lung injury. Am J Respir Cell Mol Biol. 26(1): 99-104.Angeloni D, et al. (2003) C to A single nucleotide polymorphism in intron 18 of the human MST1R (RON) gene that maps at 3p21.3. Mol Cell Probes. 17(2-3): 55-7.Mallakin A, et al. (2006) Gene expression profiles of Mst1r-deficient mice during nickel-induced acute lung injury. Am J Respir Cell Mol Biol. 34(1): 15-27.Welm AL, et al. (2007) The macrophage-stimulating protein pathway promotes metastasis in a mouse model for breast cancer and predicts poor prognosis in humans. Proc Natl Acad Sci U S A. 104(18): 7570-5.

NCBI AND UNIPROT INFORMATION

NCBI GI #	349732251
NCBI GeneID	4486
NCBI Accession #	NP_001231866.1
NCBI GenBank Nucleotide #	NM_001244937.1
UniProt Accession #	Q04912; B5A944; B5A945; B5A946; B5A947
NCBI Official Full Name	macrophage-stimulating protein receptor isoform 2
NCBI Official Synonym Full Names	macrophage stimulating 1 receptor (c-met-related tyrosine kinase)
NCBI Official Symbol	MST1R
NCBI Official Synonym Symbols	RON; PTK8; CD136; CDw136
NCBI Protein Information	macrophage-stimulating protein receptor; p185-Ron; MSP receptor; RON variant 21; RON variant E2E3; MST1R variant RON30; MST1R variant RON62; soluble RON variant 1; soluble RON variant 2; soluble RON variant 3; soluble RON variant 4; c-met-related tyrosine
UniProt Protein Name	Macrophage-stimulating protein receptor
UniProt Gene Name	MST1R
UniProt Synonym Gene Names	PTK8; RON; MSP receptor
UniProt Entry Name	RON_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.