

For Research Use Only

Anti-Mouse RON/MST1R Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98587-2-PBS



Basic Information

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| Catalog Number: 98587-2-PBS | GenBank Accession Number: NM_009074.2 | Purification Method: Protein A purification |
| Concentration: 1mg, 3 mg/ml | GeneID (NCBI): 19882 | CloneNo.: 250364F1 |
| Source: Rabbit | UNIPROT ID: Q62190-1 | |
| Isotype: IgG | Full Name: macrophage stimulating 1 receptor (c-met-related tyrosine kinase) | |
| Immunogen Catalog Number: EG2647 | Calculated MW: 151 kDa | |

Applications

Tested Applications:
FC

Species Specificity:
mouse

Background Information

RON (also referred to as MST1R, or CD136) is a receptor tyrosine kinase that belongs to the MET proto-oncogene family. The precursor RON is produced as a glycosylated, single chain that is cleaved into a 185-kDa heterodimer of α (35 kDa) and β (150 kDa) subunits connected by a disulfide bond (PMID: 8062829). It is activated upon binding to its ligand, macrophage-stimulating protein (MSP, also known as MST1 and HGFL). RON signalling is essential for embryonic development and regulates many physiological processes including cell survival, migration and differentiation.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

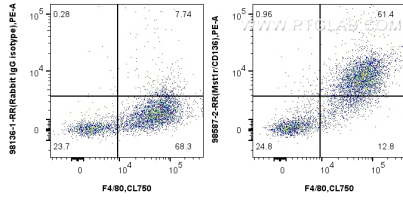
T: 4006900926

E: Proteintech-CN@ptglab.com

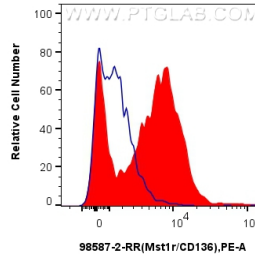
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse RON/MST1R Rabbit RecAb (98587-2-RR, Clone: 250364F1) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-conjugated Goat Anti-Rabbit IgG. Cells were co-stained with CoraLite® Plus 750 Anti-Mouse F4/80. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98587-2-PBS in a



1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse RON/MST1R Rabbit RecAb (98587-2-RR, Clone: 250364F1) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98587-2-PBS in a different storage buffer formulation.