

**Anti-MSPR / RON / CD136 Reference Antibody (Aveo anti-RON)  
Recombinant Antibody  
Catalog # APR10205****Specification**

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**Anti-MSPR / RON / CD136 Reference Antibody (Aveo anti-RON) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">Q04912</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.74 KDa

**Anti-MSPR / RON / CD136 Reference Antibody (Aveo anti-RON) - 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 (Aveo anti-RON) - 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

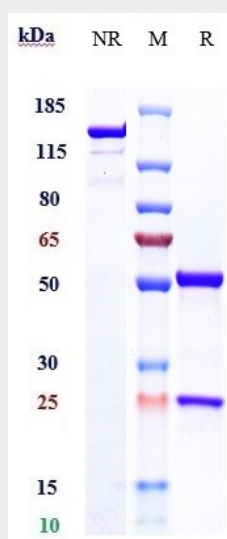
Expressed in colon, skin, lung and bone marrow.

### Anti-MSPR / RON / CD136 Reference Antibody (Aveo anti-RON) - Protocols

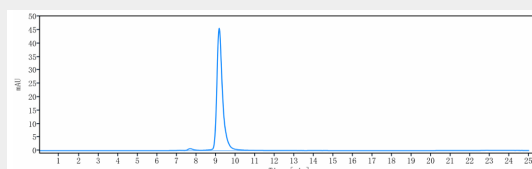
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

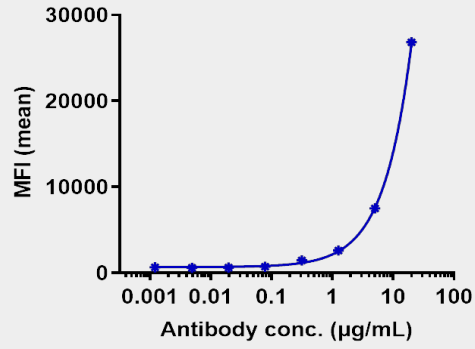
### Anti-MSPR / RON / CD136 Reference Antibody (Aveo anti-RON) - Images



Anti-MSPR / RON / CD136 Reference Antibody (Aveo anti-RON) 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 (Aveo anti-RON) is more than 97.3% ,determined by SEC-HPLC.



Hs746T cells were stained with Anti-MSPR / RON / CD136 Reference Antibody (Aveo anti-RON) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC265=45575 µg/mL