

Rabbit anti-Human CD136 (RON) (pY1238/1239) Antibody | anti-CD136 (RON) (pY1238/1239) antibody

Rabbit anti CD136 Phospho-specific antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14081	Rabbit	Human	ELISA, Western Blot, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

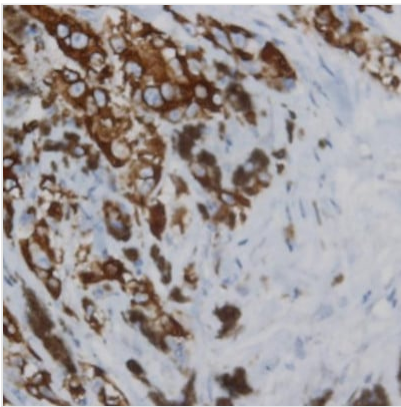
PRODUCT SYNONYMS

CD136 (RON) (pY1238/1239); Rabbit anti CD136 Phospho-specific antibody; Recepteur d'origine nantais (RON); Macrophage-Stimulating 1 Receptor (MST1R); anti-CD136 (RON) (pY1238/1239) antibody

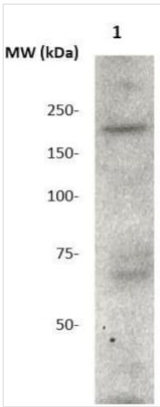
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Isotype	IgG
Specificity	This antibody recognizes ~185 kDa of human CD136 protein. It also reacts with mouse and rat. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Site-specific Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer
Applicable Applications for anti-CD136 (RON) (pY1238/1239) antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Application Notes	Western Blot: 0.1-1 ug/mL ELISA: 0.01-0.1 ug/mL Immunoprecipitation: 2-5 ug/mL Immunohistochemistry: 2-10 ug/mL Optimal dilutions should be determined by researchers for the specific applications.
Antigen Preparation	A synthetic peptide containing epitope -EPYYS- with a dually phosphorylation sites Y1238/9 of the human CD136.
Positive Control	Kidney Tissue
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

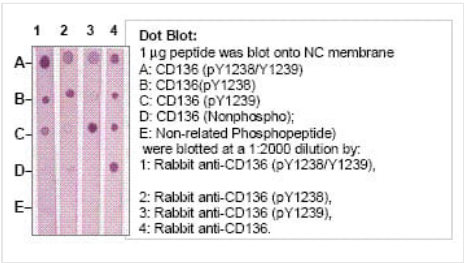
IMAGES



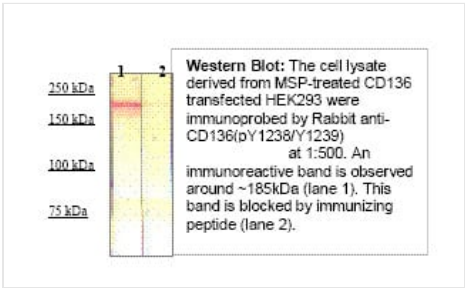
IHC (Immunohistochemistry)
Immunohistochemistry: Human lymphoma (FFPE) stained with Rabbit anti-CD136 (PY1238/1239) antibody (Cat# AAA14081) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.



WB (Western Blot)
Western Blot: The cell lysate derived from MSP-treated CD136 transfected HEK293 (20 ug/lane) were immunoprobed by Rabbit anti-CD136(PY1238/1239) (Cat# AAA14081) at 1:500. An immunoreactive band is observed around ~185kDa.



DB (Dot Blot)
1)Rabbit ant-CD136 (pY1238/y1239), AAA140812) Rabbit ant-CD136 (pY1238), 3) Rabbit ant-CD136 (pY1239), 4) Rabbit ant-CD136 ,



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-CD136 (RON) (pY1238/1239) antibody	CD136, a transmembrane receptor tyrosine kinase, also known as Macrophage stimulating 1 receptor (MST1R) and RON (Recepteur d'origine nantais), is a member of the MET proto-oncogene family (63% homology), and is the receptor for macrophage-stimulating protein (MSP), a multifunctional cytokine that regulates cell adhesion, motility, growth, and survival. Binding of MSP to CD136 stimulates tyrosine phosphorylation on Tyr 1238 and Tyr 1239. This phosphorylation leads to a upregulation of CD136 catalytic activity and subsequent activation of downstream signaling molecules. In addition, CD136 contains putative autophosphorylation sites on Tyr 1353 and Tyr 1360. RON mediates multiple signaling cascades, such as MAPK, PI3K/AKT, FAK pathways. CD136 activation can also significantly increase C-Src activity. CD136 is a disulfide-linked 180kD heterodimer composed of a 35kD alpha chain and a 150kD beta chain, and is mainly expressed in cells of epithelial origin. CD136 is thought to play a role in early embryonic development and in the inflammatory response as well as implicated in the progression and metastasis of tumors including those of the breast and colon.
--	--

NCBI AND UNIPROT INFORMATION

Molecular Weight	185.0
-------------------------	-------

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rabbit-human-antibody/cd136-ron-py1238-1239/14081>