

Rabbit anti-Human RON Monoclonal Antibody | anti-RON antibody

RON Antibody

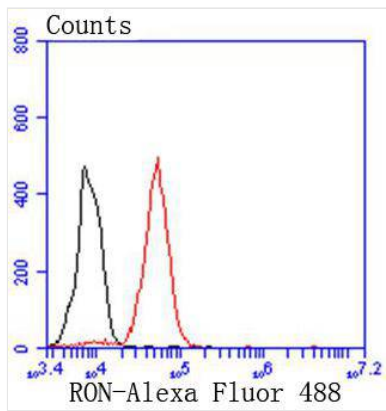
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30212	Rabbit	Human	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

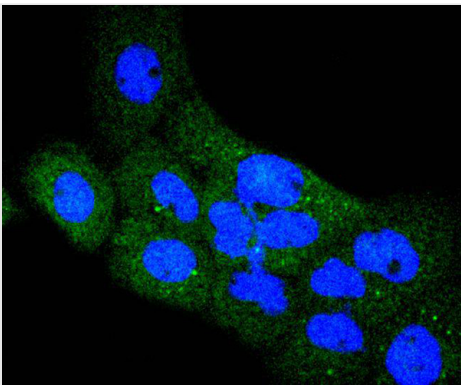
RON; Monoclonal Antibody; RON Antibody; c met related tyrosine kinase antibody; CD136 antibody; CD136 antigen antibody; CDw136 antibody; Macrophage stimulating 1 receptor (c met related tyrosine kinase) antibody; Macrophage stimulating 1 receptor antibody; Macrophage stimulating protein receptor alpha chain antibody; MACROPHAGE STIMULATING PROTEIN RECEPTOR antibody; Macrophage stimulating protein receptor beta chain antibody; Macrophage-Stimulating 1 Receptor (MST1R) antibody; Macrophage-stimulating protein receptor beta chain antibody; MSP receptor antibody; Mst1r antibody; MST1R variant RON30 antibody; MST1R variant RON62 antibody; NPCA3 antibody; p185 RON antibody; p185-Ron antibody; Protein-tyrosine kinase 8 antibody; PTK 8 antibody; ptk8 antibody; PTK8 protein tyrosine kinase 8 antibody; Recepteur d'origine nantais (RON) antibody; RON antibody; RON protein tyrosine kinase antibody; RON variant E2E3 antibody; RON_HUMAN antibody; Soluble RON variant 1 antibody; Soluble RON variant 2 antibody; Soluble RON variant 3 antibody; Soluble RON variant 4 antibody; Stem cell derived tyrosine kinase antibody; anti-RON antibody

PRODUCT SPECIFICATIONS

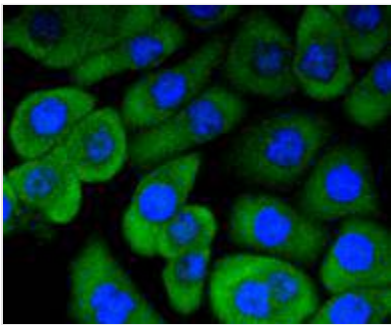
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	SD2006
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-RON antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



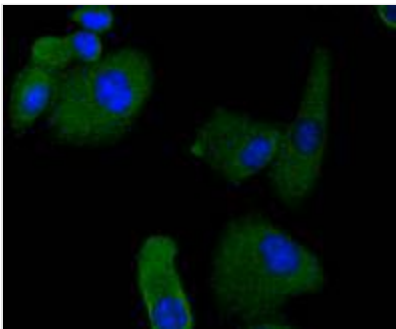
FCM (Flow Cytometry)
Flow cytometric analysis of THP-1 cells with RON antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



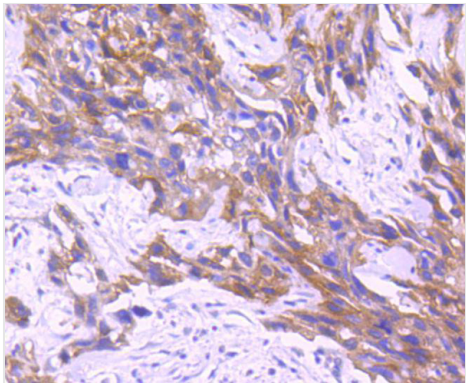
ICC (Immunocytochemistry)
ICC staining RON in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



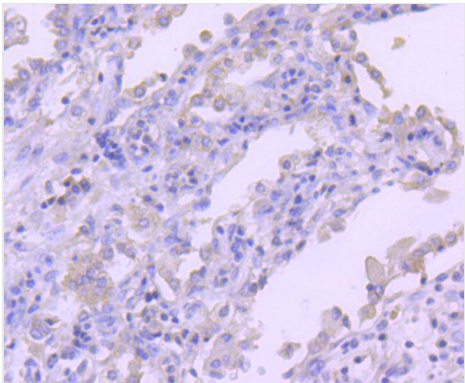
ICC (Immunocytochemistry)
ICC staining RON in AGS cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)
ICC staining RON in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-RON antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-RON antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-RON antibody

Receptor protein tyrosine kinases (PTKs) have been classified into different subclasses on the basis of sequence similarity and distinct structural characteristics. The c-Met encoded receptor represents the initial member of one class of receptors characterized by a heterodimeric structure and a cysteine-rich extracellular domain. Ron, also designated macrophage-stimulating protein receptor (MSP receptor), p185-Ron, CD136 antigen or PTK8 represents a second member of this receptor class. The intracellular PTK domains of Ron and Met are highly similar (63% sequence identity) while the extracellular domains are less related (25% sequence identity) and both are rich in cysteine residues. Mature Ron receptor is comprised of a disulfide-linked heterodimer formed from an alpha chain (Ron alpha) and a beta chain (Ron beta). Proteolytic processing results in the separation of the N-terminal Ron alpha and C-terminal Ron beta subunits.

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
Molecular Weight	152,271 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ron-antibody-clone-sd2006-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/30212>