

Mouse anti-Human R-spondin1 Antibody | anti-RSPO1 antibody

R-spondin1 Antibody

CATALOG # AAA108837	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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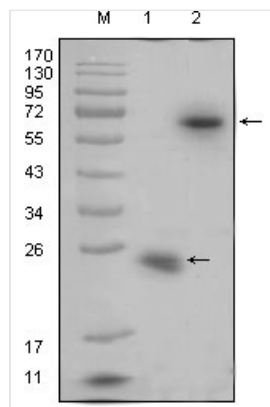
PRODUCT SYNONYMS

R-spondin1; R-spondin1 Antibody; CRISTIN3; FLJ40906; anti-RSPO1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	7A6
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	263
Applicable Applications for anti-RSPO1 antibody	ELISA, WB (Western Blot)
Immunogen	Purified recombinant fragment of R-spondin1 expressed in E. Coli.
Preparation and Storage	Store at 4°C. For long term storage, store at -20°C

IMAGES



Application Data

Figure 1. Western blot analysis using R-spondin1 mouse mAb against recombinant R-spondin1 protein (1) and R-spondin1(aa21-263)-hlgGFc transfected HEK293 cell lysate(2).

ADDITIONAL INFORMATION

Related Product Information for anti-RSPO1 antibody	R-spondin1, also known as RSPO1, CRISTIN3, FLJ40906. Entrez Protein NP_001033722.1. It is a member of the R-spondin family and a 28.9kDa secreted activator protein with two cystein-rich, furin-like domains and one thrombospondin type 1 domain. In mice, the protein induces the rapid onset of crypt cell proliferation and increases intestinal epithelial healing, providing a protective effect against chemotherapy-induced adverse effects.It is activator of the beta-catenin signaling cascade, leading to TCF-dependent gene activation. Acts both in the canonical Wnt/beta-catenin-dependent pathway, possibly via a direct interaction with Wnt proteins, and in a Wnt-independent beta catenin pathway through a receptor signaling pathway that may not use frizzled/LRP receptors. Acts as a ligand for frizzled FZD8 and LRP6. May negatively regulate the TGF-beta pathway. Has a essential roles in ovary determination.
Product Categories/Family for anti-RSPO1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	84490388
NCBI GeneID	284654
NCBI Accession #	NP_001033722.1
NCBI GenBank Nucleotide #	NM_001038633.3
UniProt Accession #	Q2MKA7; Q0H8S6; Q14C72; Q5T0F2; Q8N7L5; A2A420
Molecular Weight	28.9kDa
NCBI Official Full Name	R-spondin-1 isoform 1
NCBI Official Synonym Full Names	R-spondin 1
NCBI Official Symbol	RSPO1
NCBI Official Synonym Symbols	RSPO; CRISTIN3
NCBI Protein Information	R-spondin-1
UniProt Protein Name	R-spondin-1
UniProt Gene Name	RSPO1
UniProt Synonym Gene Names	hRspo1

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/mouse-rspo1-human-antibody/r-spondin1/108837>