

For Research Use Only

RSPO1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86039-2-PBS



Basic Information

Catalog Number:

86039-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21858

GenBank Accession Number:

BC114966

GeneID (NCBI):

284654

UNIPROT ID:

Q2MKA7

Full Name:

R-spondin homolog (Xenopus laevis)

Calculated MW:

263 aa, 29 kDa

Observed MW:

28-38 kDa

Purification Method:

Protein A purification

CloneNo.:

260366B9

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

RSPO1, also named R-spondin-1, Activator of the canonical Wnt signaling pathway by acting as a ligand for LGR4-6 receptors. Acts as a ligand for frizzled FZD8 and LRP6. May negatively regulate the TGF-beta pathway. Has a essential role in ovary determination. Regulates Wnt signaling by antagonizing DKK1/KREM1-mediated internalization of LRP6 through an interaction with KREM1. RSPO1 seems to mainly localize to nucleoli (PMID:17804805).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

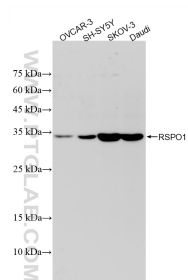
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86039-2-RR (RSP01 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86039-2-PBS in a different storage buffer formulation.