

For Research Use Only

RSPO1 Recombinant monoclonal antibody

Catalog Number: 86039-2-RR



Basic Information

Catalog Number: 86039-2-RR	GenBank Accession Number: BC114966	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 284654	CloneNo.: 260366B9
Source: Rabbit	UNIPROT ID: Q2MKA7	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	Full Name: R-spondin homolog (Xenopus laevis)	
Immunogen Catalog Number: AG21858	Calculated MW: 263 aa, 29 kDa	
	Observed MW: 28-38 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : OVCAR-3 cells, SH-SY5Y cells, SKOV-3 cells, Daudi cells
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

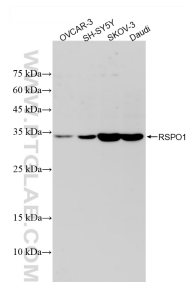
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

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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.