



# RSPO2 Monoclonal Antibody

Catalog No	BYmab-06979
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	RSPO2 UNQ9384/PRO34209
Protein Name	R-spondin-2 (Roof plate-specific spondin-2) (hRspo2)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	RSPO2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	26kD
Cell Pathway	Secreted .
Tissue Specificity	Lung,Testis,
Function	domain:The FU repeat is required for activation and stabilization of beta-catenin.,function: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. Probably also acts as a ligand for frizzled and LRP receptors.,miscellaneous:Upon injection into mice, it induces rapid onset of crypt cell proliferation involving beta-catenin stabilization. It also displays efficacy in a model of chemotherapy-induced intestinal mucositis.,similarity:Belongs to the R-spondin family.,similarity:Contains 1 FU (furin-like) repeat.,similarity:Contains 1 TSP type-1 domain.,subunit:Interacts with WNT1. Binds heparin.,

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## Background

This gene encodes a member of the R-spondin family of proteins. These proteins are secreted ligands of leucine-rich repeat containing G protein-coupled receptors that enhance Wnt signaling through the inhibition of ubiquitin E3 ligases. A chromosomal translocation including this locus that results in the formation of a gene fusion has been identified in multiple human cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015],

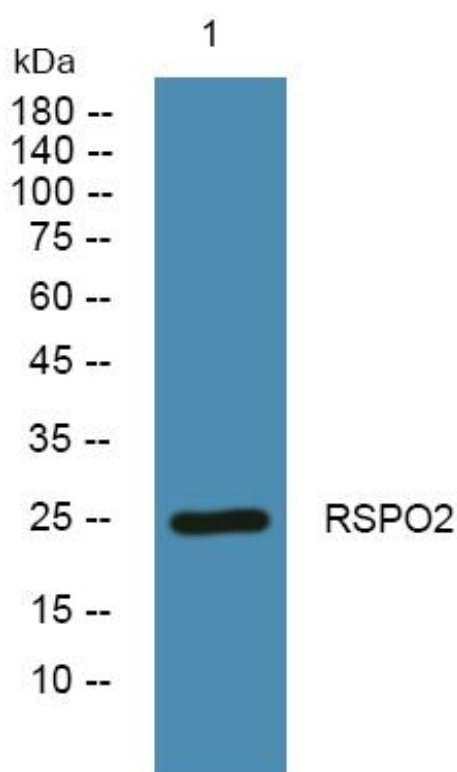
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using RSPO2 Monoclonal Antibody