

R-Spondin Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA1079
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of R-spondin1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	R-spondin-1
Synonyms	RSPO1; R-spondin-1; Roof plate-specific spondin-1; hRspo1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a secreted activator protein with two cysteine-rich, furin-like domains and one thrombospondin type 1 domain. The encoded protein is a ligand for leucine-rich repeat-containing G-protein coupled receptors (LGR proteins) and positively regulates the Wnt signaling pathway. 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. Alternative splicing results in multiple transcript variants.

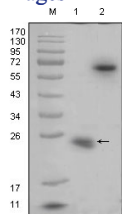
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using R-Spondin Monoclonal antibody against recombinant R-spondin1 protein (1) and R-spondin1(aa21-263)-hIgGfC transfected HEK293 cell lysate(2).

Storage

-20°C for one year