

Catalog	Unit
TBS10386-0.5MG	0.5 mg
TBS10386-1MG	1 mg
TBS10386-5MG	5 mg

Description

Tribioscience in vivo Anti-Human RSPO3 Monoclonal Antibody is a human IgG1, kappa monoclonal antibody specifically targeting RSPO3 (R-spondin-3, THSD2). This antibody demonstrates high species reactivity with human proteins and is validated for applications including ELISA, flow cytometry (FCM), and neutralization assays. RSPO3 is a critical regulator of Wnt signaling, playing key roles in tissue regeneration, stem cell maintenance, and vascular development. This antibody is particularly relevant for research in areas such as cancer, fibrosis, and metabolic disorders, where dysregulation of RSPO3-mediated signaling contributes to disease progression.

Product Details

Applications:	ELISA, FCM, Neutralization.
Species reactivity:	Human
Host:	Human
Isotype:	IgG1, kappa
Target:	RSPO3, hPWTSR, hRspo3, PWTSR, R-spondin-3, Thrombospondin type-1 domain-containing protein 2, Protein with TSP type-1 repeat, Roof plate-specific spondin-3, THSD2
Uniprot:	Q9BXY4
Concentration:	3 mg/ml
Purity:	>95%
Formulation:	Liquid
Storage buffer:	0.01M PBS, pH 7.4.
Purification:	Protein A/G purified from cell culture supernatant.
Clonality:	Monoclonal
Storage:	Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

Data Image

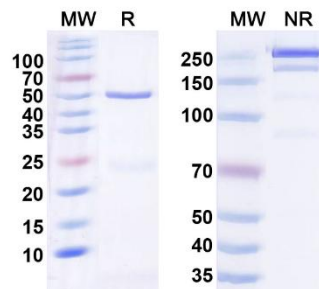


Fig. 1. SDS-PAGE for InVivoMAb Anti-Human RSPO3 Antibody.

MW: Molecular Weight (kDa) Marker.

R: Reducing conditions.

NR: Non-Reducing conditions.

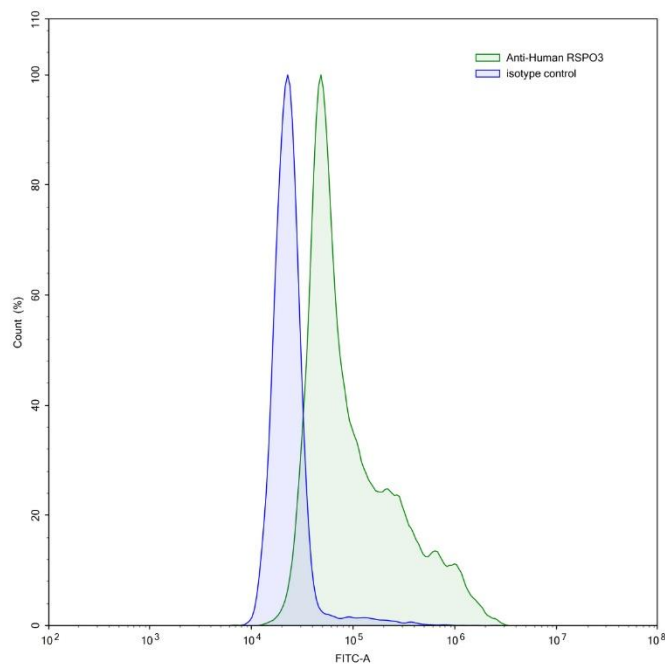


Fig. 2. Flow-cytometry using anti-human RSPO3 antibody.

RSPO3 Transfected CHO cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human RSPO3 antibody monoclonal antibody (Green Histogram) at a concentration of 5 $\mu\text{g/ml}$ for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody and cells analyzed on a NovoCyte Flow Cytometer.

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