



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-RSPO1 [89M5] Standard Size Ab04198-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 89M5

**Alternative Name(s) of Target:** R-spondin-1; Roof plate-specific spondin-1; hRspo1

**UniProt Accession Number of Target Protein:** Q2MKA7

**Published Application(s):** FACS, in vivo, SPR

**Published Species Reactivity:** Human, Mouse

**Immunogen:** The original antibody was generated by immunizing mice against recombinant human RSPO1 protein amino acids 31-263.

**Specificity:** The antibody specifically binds human RSPO1. The antibody cross-reacts with mouse RSPO1

**Application Notes:** The binding affinity of the original format of the antibody to human and mouse RSPO1 was measured by surface plasmon resonance (Kd less than 0.1 nM respectively). Further, the binding affinity of the humanized version of the antibody, h89M5-H2L2, to human RSPO1 was measured by surface plasmon resonance (Kd less than 0.1 nM). The original format of the antibody could inhibit tumor cell growth in vivo in an ovarian tumor xenograft model as single agents and in combination with a chemotherapeutic agent. The original format of the antibody could inhibit tumor cell growth in vivo in a pancreatic tumor xenograft model in combination with a chemotherapeutic agent. The original antibody was able to block RSPO1-induced  $\beta$ -catenin signaling in HEK-293 cells. The original antibody blocked binding of RSPO1 to LGR5 in HEK-293 cells, as measured by FACS. The original and humanized format of the antibody, could bind to human RSPO1 expressed on HEK-293 cells, as shown by FACS analysis (US8802097B2).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:**

100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.