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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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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

www.szabo-scandic.com

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

Anti-RSPO1 [89M5] Bulk Size Ab04198-10.0-BT

Isotype and Format: Human IgG1, 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 β -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: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.