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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-RSPO2 [h130M23-H1L2] Standard Size Ab03958-10.3

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: h130M23-H1L2

Alternative Name(s) of Target: hRspo2; R-spondin-2; Roof plate-specific spondin-2

UniProt Accession Number of Target Protein: Q6UXX9

Published Application(s): Blocking, in vitro, in vivo, SPR

Published Species Reactivity: Human, Mouse

Immunogen: The antibody is the humanized version of the murine 130M23.

Specificity: The antibody specifically reacts with human and mouse RSPO2.

Application Notes: The antibody was shown to completely block β -catenin signaling, demonstrating it is a specific inhibitor of RSPO2. The antibody blocked soluble RSPO2 binding to LGR5. The antibody had a binding affinity for human RSPO2 of 0.14 nM and mouse RSPO2 of 0.35 nM. The antibody demonstrated strong anti-tumor growth activity in combination with gemcitabine in a pancreatic xenograft model and inhibition of pancreatic tumor growth in vivo as a single agent and in combination with additional therapeutic agents. The humanized version of the antibody was produced. The humanized version had a binding affinity for human RSPO2 of 0.13 nM (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.