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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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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-Ghrelin [5A1] Bulk Size Ab03853-1.1-BT

Isotype and Format: Mouse IgG1, Kappa

Clone Number: 5A1

Alternative Name(s) of Target: GHRL; MTLRP; Appetite-regulating hormone; Growth hormone secretagogue; Growth hormone-releasing peptide; Motilin-related peptide; Protein M46

UniProt Accession Number of Target Protein: Q9UBU3

Published Application(s): in vivo, SPR

Published Species Reactivity: Human

Immunogen:

Specificity: The antibody recognises ghrelin. Ghrelin is a hormone produced by enteroendocrine cells of the gastrointestinal tract, especially the stomach and is often called a "hunger hormone" because it increases the drive to eat.

Application Notes: The kinetic constant of the humanized, affinity matured Fab version of the antibody was measured by KinExA ($K_d = 1$ pM). The binding affinity of the Fab fragment to Ghrelin was measured by surface plasmon resonance ($K_d = 2$ pM). Rats were injected with human ghrelin and their food consumption was measured. Results showed that if the humanized Fab version of the antibody was administered, their food consumption was effectively reduced (US7479271).

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.