



# 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

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## Anti-Ghrelin [5A1] Standard Size Ab03853-1.1

**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:** 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.