



# 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-Hepcidin-25 [OH4] Standard Size Ab03566-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** OH4

**Alternative Name(s) of Target:** HAMP; hHepc; HEPC; LEAP1; LEAP-1; Hepcidin; Liver-expressed antimicrobial peptide 1

**UniProt Accession Number of Target Protein:** P81172

**Published Application(s):** ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with immunized with a N-terminal hepcidin peptide 'DTHFPIC' conjugated with a five amino acid peptide linker (i.e., GP GPG) to an OVA peptide (amino acids 323-336) sequence, i.e., full-length immunogen DTHFPICGP GPGISQAVHAAHAEINE.

**Specificity:** This antibody binds human hepcidin-25 near the N-terminus region and does not cross react with human hepcidin-20 or human hepcidin-22. This antibody also does not cross react with mouse or rat hepcidin-25. Hepcidin is a an iron-regulating peptide hormone made in the liver. Hepcidin is a cationic, cysteine-rich and tightly folded peptide stabilized by 4 disulfide bonds that plays a major role in innate immunity and iron homeostasis. It controls the delivery of iron to blood plasma from intestinal cells absorbing iron, from erythrocyte-recycling macrophages, and from iron-storing hepatocytes. Hepcidin acts by binding to and inactivating the sole cellular iron exporter, ferroprotein, which delivers iron to plasma from all iron-transporting cells.

**Application Notes:** The original mouse IgG1 antibody binds human hepcidin-25 with a binding affinity of  $k_d = 1.2$  nM. The binding characterization of this antibody towards human hepcidin was done using ELISA (US8609817).

**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.