



# 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-hepsin [Mab55] Standard Size Ab04143-23.0

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

**Clone Number:** Mab55

**Alternative Name(s) of Target:** Serine protease hepsin; EC:3.4.21.106; Transmembrane protease serine 1

**UniProt Accession Number of Target Protein:** P05981

**Published Application(s):** Crystallography, inhibition, SPR, FC

**Published Species Reactivity:** Monkey, Human

**Immunogen:** The antibody is the humanized version of the murine Mab 2.7.35.

**Specificity:** The antibody is specific for hepsin and cross-reacts with cynomolgus hepsin. Human hepsin is a Type II serine transmembrane protease and belongs to the trypsin family of serine proteases. Hepsin was identified by homology screening of a human liver cDNA library in 1988. It plays an important role in cell growth and maintenance of cell line morphology

**Application Notes:** The crystal structure of the Fab fragment of the antibody in complex with hHepsin was determined. The binding affinity of the Fab fragments to hHepsin was measured by surface plasmon resonance ( $K_d = 39.8$  nM). The original antibody could inhibit hepsin. The original antibody could detect hepsin expressed in HEK293 cells by flow cytometry and confocal microscopy analysis (WO2011161189A1).

**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.