



# 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-Ferritin [F11 (HSF102)] Standard Size Ab03943-2.3

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 mouse IgG2a Fc Silent™ antibody, based on the original mouse IgG2a format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** F11 (HSF102)

**Alternative Name(s) of Target:** FTMT; FTL; FTH1; Ferritin mitochondrial; B8

**UniProt Accession Number of Target Protein:** Q8N4E7

**Published Application(s):** ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing female Balb/c mice with ferritin extracted from human spleen cells.

**Specificity:** This antibody binds human ferritin. This protein catalyzes the oxidation of ferrous iron(II) to ferric iron(III) and stores iron in a soluble, non-toxic, readily available form. Ferritin is important for iron homeostasis.

**Application Notes:** The binding characterization of this antibody towards human spleen ferritin was done using ELISA. This antibody was also reported to show binding affinity for protein A. Binding of this antibody to ferritin causes antigen-induced conformational changes in the antibody and reduces its affinity for protein A (PMID: 9776583).

**Antibody First Published in:** Bespalov et al. Preparation of single-chained antibodies to human ferritin in Escherichia coli. Mol Biol (Mosk). 1993 Mar-Apr;27(2):451-60. [PMID:8487773](#)

**Note on publication:** Describes the generation of scFv antibodies using E. coli expression system.

## 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.