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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Ferritin [F11 (HSF102)] Bulk Size Ab03943-10.3-BT

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 human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG2a format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, 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: 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.