

Datasheet for ABIN7543448

Recombinant anti-Ferritin antibody



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Overview

Quantity:	100 µg
Target:	Ferritin (FE)
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Ferritin antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Anti-Ferritin [F11 (HSF102)], Mouse IgG2a, kappa
Immunogen:	The original antibody was generated by immunizing female Balb/c mice with ferritin extracted from human spleen cells.
Clone:	F11
Isotype:	IgG2a kappa
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.
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG2a

Product Details

Purification: Protein A affinity purified

Target Details

Target: Ferritin (FE)

Alternative Name: Ferritin ([FE Products](#))

Background: FTMT, FTL, FTH1, Ferritin mitochondrial, B8

UniProt: [Q8N4E7](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

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).

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.