

# Product Datasheet

## Ferritin mitochondrial Antibody (F11 (HSF102)) - BSA Free NBP3-43584

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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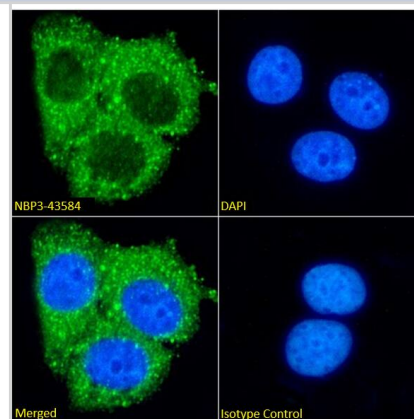
**NBP3-43584**

Ferritin mitochondrial Antibody (F11 (HSF102)) - BSA Free

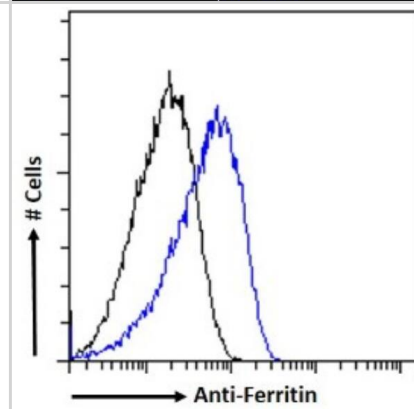
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	F11 (HSF102)
Preservative	0.02% Proclin 300
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Rabbit Ferritin mitochondrial Antibody (F11 (HSF102)) - BSA Free (NBP3-43528) is a recombinant monoclonal antibody validated for use in ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	94033
Gene Symbol	FTMT
Species	Human
Specificity/Sensitivity	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 mitochondrial is important for iron homeostasis.
Immunogen	The original antibody was generated by immunizing female Balb/c mice with ferritin extracted from human spleen cells. (Uniprot# Q8N4E7)
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

## Images

Immunocytochemistry /Immunofluorescence: Ferritin mitochondrial Antibody (F11 (HSF102)) - BSA Free [NBP3-43584] - Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton, on Shi-fix coverslips stained with NBP3-43584 (1:100 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing cytoplasmic/mitochondrial staining. The nuclear stain is DAPI (blue). Panels show, from left-right, top-bottom, NBP3-43584, DAPI, merged channels, and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.



Flow Cytometry: Ferritin mitochondrial Antibody (F11 (HSF102)) - BSA Free [NBP3-43584] - Paraformaldehyde fixed MCF7 cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-43584 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000, and the cells were analyzed using a FACSCanto flow-cytometer.





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### **Products Related to NBP3-43584**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
2914-HT-100MG	Holo-Transferrin [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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