

# Product Datasheet

## Ferritin mitochondrial Antibody (AMB8LK) - BSA Free NBP3-43585

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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**NBP3-43585**

Ferritin mitochondrial Antibody (AMB8LK) - BSA Free

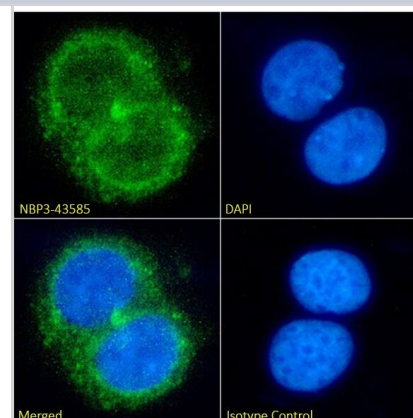
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AMB8LK
Preservative	0.02% Proclin 300
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse Ferritin mitochondrial Antibody (AMB8LK) - BSA Free (NBP3-43529) is a recombinant monoclonal antibody validated for use in IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
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	Immunoprecipitation
Recommended Dilutions	Immunoprecipitation

**Images**

Immunocytochemistry/ Immunofluorescence: Ferritin mitochondrial Antibody (AMB8LK) - BSA Free [NBP3-43585] - Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton, on coverslips stained with the chimeric version of this antibody, NBP3-43586 (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, NBP3-43586, DAPI, merged channels, and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor® 488 secondary antibody.





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### **Products Related to NBP3-43585**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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