

Product Datasheet

Ferritin Antibody (39G3)

NBP3-26567-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26567-100ul

Ferritin Antibody (39G3)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	39G3
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	2495
Gene Symbol	FTH1
Species	Human, Mouse
Immunogen	A synthesized peptide derived from Human Ferritin [UniProt P02794]
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:200, ELISA, Immunocytochemistry/ Immunofluorescence 1:50-1:200



Images

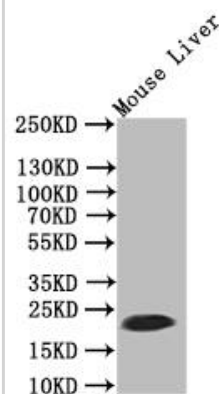
Western Blot: Ferritin Antibody (39G3) [NBP3-26567] - Positive Western Blot detected in: Mouse Liver tissue lysate.

All lanes: Ferritin Antibody at 1: 500

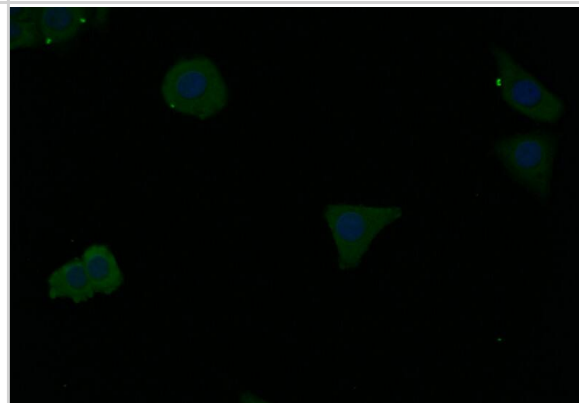
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 21 kDa

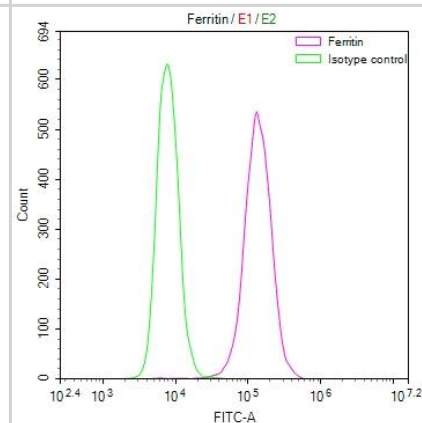
Observed band size: 21 kDa



Immunocytochemistry/Immunofluorescence: Ferritin Antibody (39G3) [NBP3-26567] - Staining of HepG2 with Ferritin Antibody (39G3) at 1:10, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 497-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: Ferritin Antibody (39G3) [NBP3-26567] - Overlay Peak curve showing 293 cells stained with Ferritin Antibody (39G3) (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶ cells) for 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4C. Control antibody (green line) was rabbit IgG (1ug/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.





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Products Related to NBP3-26567-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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