Product Datasheet

Ferritin Light Chain Antibody (12D12)
NBP3-26566-100ul

Unit Size: 100 ul

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

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Ferritin Light Chain Antibody (12D12)

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	12D12
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description

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Host	Rabbit
Gene ID	2512
Gene Symbol	FTL
Species	Human
Immunogen	A synthesized peptide derived from Human Ferritin Light Chain [UniProt P02792]

Product Application Details

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Applications	ELISA, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Flow Cytometry 1:50-1:200, ELISA, Immunohistochemistry 1:50-1:200

Images

Immunohistochemistry: Ferritin Light Chain Antibody (12D12) [NBP3-26566] - Image of Ferritin Light Chain Antibody (12D12) diluted at 1:50 and staining in paraffin-embedded human glioma cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.29% DAB.
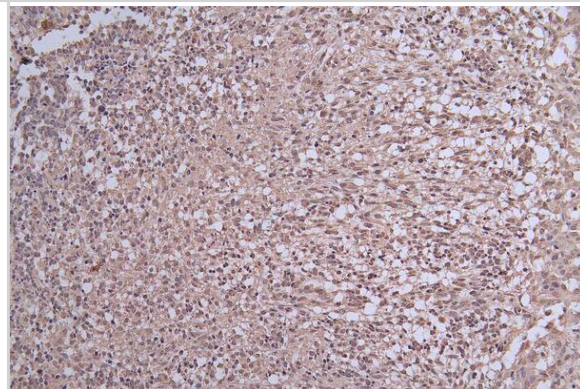
Flow Cytometry: Ferritin Light Chain Antibody (12D12) [NBP3-26566] - Overlay Peak curve showing MCF-7 cells stained with Ferritin Light Chain Antibody (12D12) (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10^6 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*10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.
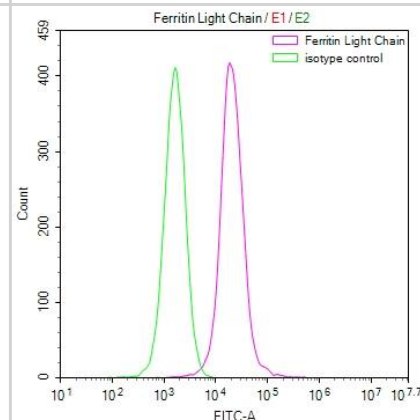
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Products Related to NBP3-26566-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBC1-18546	Recombinant Human Ferritin Light Chain Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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