Product Datasheet

Ferroportin/SLC40A1 Antibody (8G10NB) - Azide and BSA Free

NBP2-45357

Unit Size: 0.1 mg

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

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Ferroportin/SLC40A1 Antibody (8G10NB) - Azide and BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8G10NB
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	62.5 kDa

Product Description

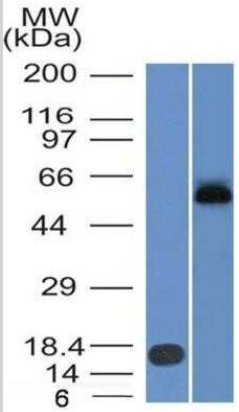
Description	Novus Biologicals Mouse Ferroportin/SLC40A1 Antibody (8G10NB) - Azide and BSA Free (NBP2-45356) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-Ferroportin/SLC40A1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	30061
Gene Symbol	SLC40A1
Species	Human
Immunogen	This Ferroportin/SLC40A1 Antibody (8G10NB) was developed against partial recombinant human Ferroportin protein (between amino acids 150-350) [Uniprot: Q9NP59].

Product Application Details

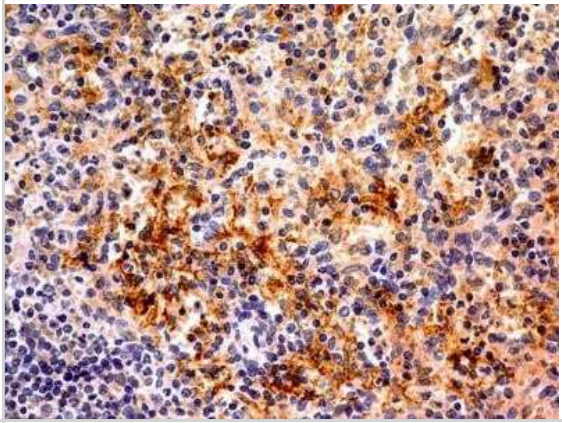
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 2-4 ug/ml, Flow Cytometry, Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml, Flow (Intracellular), CyTOF-ready

Images

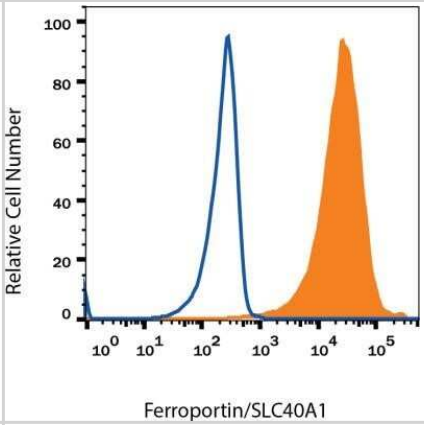
Western Blot: Ferroportin/SLC40A1 Antibody (8G10NB) - Azide Free [NBP2-45357] - Analysis using Ferroportin/SLC40A1 Antibody (8G10NB) in (A) recombinant human Ferroportin protein at 0.5 ug/ml (Molecular weight: 62.5 KDa) and (B) NCCIT lysate at 2 ug/ml. Image from the standard format of this antibody.



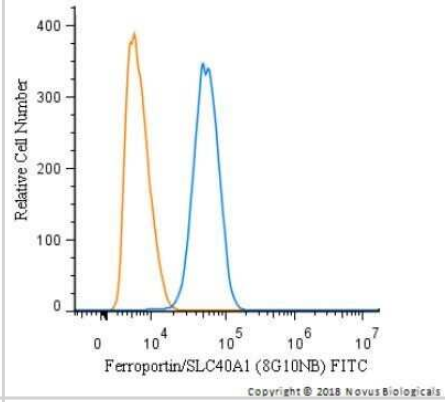
Immunohistochemistry: Ferroportin/SLC40A1 Antibody (8G10NB) - Azide Free [NBP2-45357] - Analysis of a FFPE human spleen section using mouse monoclonal Ferroportin/SLC40A1 Antibody (8G10NB) at 5 ug/ml concentration with HRP-DAB detection followed by hematoxylin counterstaining. The antibody generated membrane cytoplasmic staining in several c



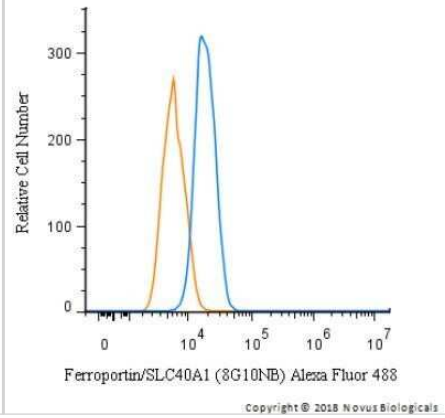
Flow Cytometry: Ferroportin/SLC40A1 Antibody (8G10NB) - Azide Free [NBP2-45357] - Detection of Ferroportin/SLC40A1 in HEK293 human cell line transfected with human Ferroportin/SLC40A1. HEK293 human embryonic kidney cell line transfected with human Ferroportin/SLC40A1 (filled histogram) or irrelevant transfectants (open histogram) were stained with Mouse Ferroportin/SLC40A1 Antibody (8G10NB) followed by APC-conjugated Anti-mouse IgG Secondary Antibody (R&D Systems Catalog # F0101B). Image from the standard format of this antibody.



Flow Cytometry: Ferroportin/SLC40A1 Antibody (8G10NB) - Azide Free [NBP2-45357] - An intracellular stain was performed on HepG cells with NBP2-45356F (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to FITC..



Flow Cytometry: Ferroportin/SLC40A1 Antibody (8G10NB) - Azide Free [NBP2-45357] - An intracellular stain was performed on HepG2 cells with NBP2-45356AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



Publications

Brown CW, Amante JJ, Chhoy P et al. Prominin2 Drives Ferroptosis Resistance by Stimulating Iron Export Dev Cell. 2019-12-02 [PMID: 31735663]

Details:
Citation used the Azide Free format of this antibody.

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Products Related to NBP2-45357

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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