

Product Datasheet

HFE Antibody (1G12) - Azide and BSA Free H00003077-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00003077-M01

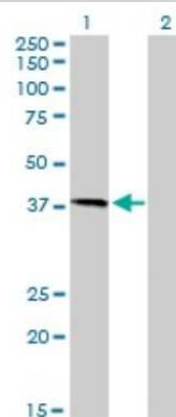
HFE Antibody (1G12) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G12
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3077
Gene Symbol	HFE
Species	Human
Specificity/Sensitivity	HFE - hemochromatosis
Immunogen	HFE (NP_000401, 115 a.a. ~ 205 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SHTLQVILGCEMQEDNSTEGYWKYGYDGQDHLEFCPDTLDWRAAEPRWPT KLEWERHKIRARQNRAYLERDCPAQLQQLLELGRGVLDQQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

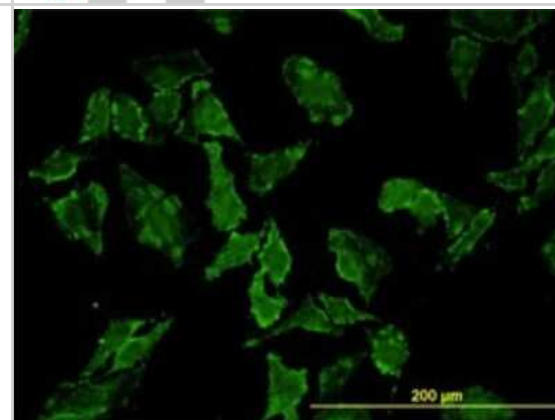


Images

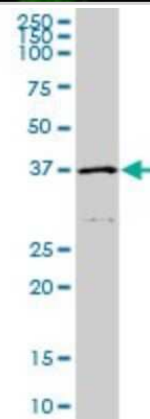
Western Blot: HFE Antibody (1G12) [H00003077-M01] - Analysis of HFE expression in transfected 293T cell line by HFE monoclonal antibody (M01), clone 1G12. Lane 1: HFE transfected lysate(40.1 KDa). Lane 2: Non-transfected lysate.



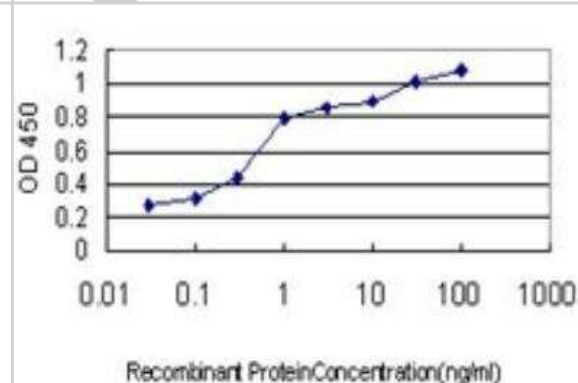
Immunocytochemistry/Immunofluorescence: HFE Antibody (1G12) [H00003077-M01] - Analysis of monoclonal antibody to HFE on HeLa cell. Antibody concentration 10 ug/ml.



Western Blot: HFE Antibody (1G12) [H00003077-M01] - HFE monoclonal antibody (M01), clone 1G12. Analysis of HFE expression in A-431.



ELISA: HFE Antibody (1G12) [H00003077-M01] - Detection limit for recombinant GST tagged HFE is approximately 0.03ng/ml as a capture antibody.



Publications

Lenarduzzi M, Hui AB, Yue S et al. Hemochromatosis Enhances Tumor Progression via Upregulation of Intracellular Iron in Head and Neck Cancer. PLoS One. 2013-08-26 [PMID: 23991213]

**Novus Biologicals USA**

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00003077-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-23110	Recombinant Human HFE His 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.

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