

Product Datasheet

EBF-1 Antibody (1G8) - Azide and BSA Free H00001879-M02

Unit Size: 0.1 mg

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

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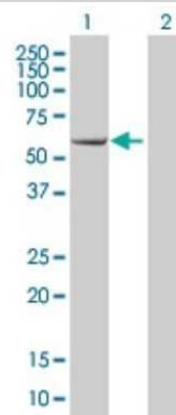
H00001879-M02

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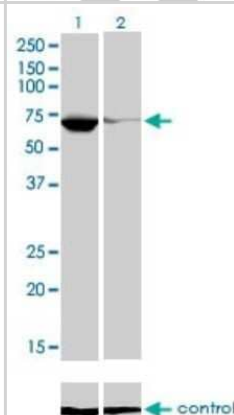
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G8
Preservative	No Preservative
Isotype	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	1879
Gene Symbol	EBF1
Species	Human, Mouse
Specificity/Sensitivity	EBF - early B-cell factor
Immunogen	EBF1 (AAH38805, 1 a.a. ~ 591 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MFGIQESIQRSGSSMKEEPLGSGMNAVRTWMQGAGVLDANTAAQSGVGLAR AHFEKQPPSNLRKSNFFHFVLALYDRQGQPVEIERTAFVGFVEKEKEANSEKT NNGIHYRLQLLYSNGIRTEQDFYVRLIDSMTKQAIVYEGQDKNPEMCRVLLTHEI MCSRCCDKKSCGNRNETPSPVIIDRFFSKFFLKCNQCNCLKNAGNPRDMRRF QVVVSTTVNVDGHVLA/SDNMFVHNSKHGRRARRLDPSEGTPSYLEHATPCI KAISPSEGWTTGGATVIIIIGNFFDGLQVIFGTMLVWSELITPHAIRVQTPPRHIP GVVEVTLSYKSKQFCKGTPGRFIYTALNEPTIDYGFQRLQKVIPRHPGDPERLP KEVILKRAADLVEALYGMPHNNQEIILKRAADIAEALYSVPRNHNQLPALANTSV HAGMMGVNSFSGQLAVNVSEASQATNQGFRNSSSVSPHGYVPSTTPQQTN YNSVTTSMNGYGSAAMSNLGGSPFLNGSAANSPYAIVPSSPTMASSTSLPSN CSSSSGIFSFPANMVS AVKQKSAFAPVVRPQTSPPTCTSTNGNSLQAISGMI VPPM
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation, Sandwich ELISA, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunoprecipitation, Sandwich ELISA 1:100-1:2000, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for RNAi Validation and ELISA. IP usage reported in scientific literature (PMID: 23863747).

Images

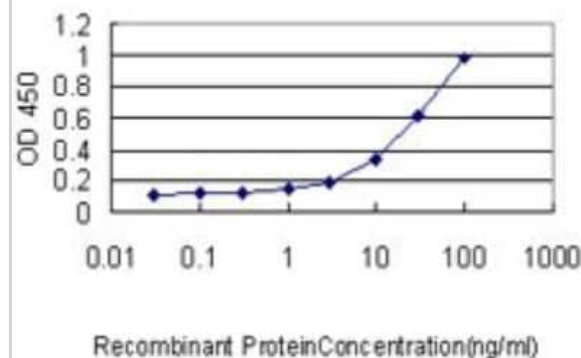
Western Blot: EBF-1 Antibody (1G8) [H00001879-M02] - Analysis of EBF1 expression in transfected 293T cell line by EBF1 monoclonal antibody (M02), clone 1G8. Lane 1: EBF1 transfected lysate(64 KDa). Lane 2: Non-transfected lysate.



Western Blot: EBF-1 Antibody (1G8) [H00001879-M02] - Analysis of EBF1 over-expressed 293 cell line, cotransfected with EBF1 Validated Chimera RNAi (Cat # H00001879-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with EBF1 monoclonal antibody (M02), clone 1G8 (Cat # H00001879-M02). GAPDH (36.1 kDa) used as specificity and loading control.



Sandwich ELISA: EBF-1 Antibody (1G8) [H00001879-M02] - Detection limit for recombinant GST tagged EBF1 is approximately 0.1ng/ml as a capture antibody.



Publications

Zhang H, Peng C, Hu Y et al. The Blk pathway functions as a tumor suppressor in chronic myeloid leukemia stem cells. *Nat Genet.* 2012-07-15 [PMID: 22797726]

Guilhamon P, Eskandarpour M, Halai D et al. Meta-analysis of IDH-mutant cancers identifies EBF1 as an interaction partner for TET2. *Nat Commun.* 2013-01-01 [PMID: 23863747] (IP, WB, Human)



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 H00001879-M02

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)
NBP2-56773PEP	EBF-1 Recombinant Protein Antigen

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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