

Product Datasheet

DEC1 Antibody (5B1) - Azide and BSA Free H00008553-M01

Unit Size: 0.1 mg

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

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H00008553-M01

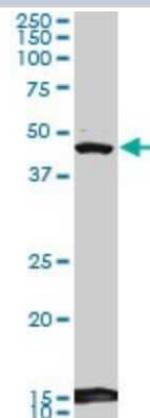
DEC1 Antibody (5B1) - Azide and BSA Free

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	5B1
Preservative	No Preservative
Isotype	IgG2b 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	8553
Gene Symbol	BHLHE40
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	BHLHB2 - basic helix-loop-helix domain containing, class B, 2
Immunogen	BHLHB2 (NP_003661, 130 a.a. ~ 229 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LSGRNVETGQEMFCSGFQTCAREVLQYLAKHENTRDLKSSQLVTHLHRVVSE LLQGGTSRKPSDPAPKVMDFKEKPSSPAKGSEGP GKNCVPVIQRTFAH
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

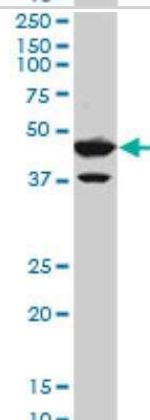


Images

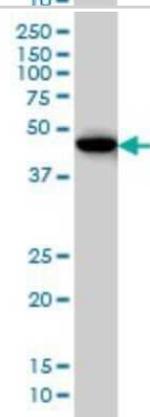
Western Blot: DEC1 Antibody (5B1) [H00008553-M01] - BHLHB2 monoclonal antibody (M01), clone 5B1. Analysis of BHLHB2 expression in NIH/3T3.



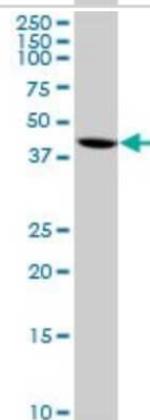
Western Blot: DEC1 Antibody (5B1) [H00008553-M01] - Western Blot analysis of BHLHB2 expression in Hela NE (Cat # L013V3).



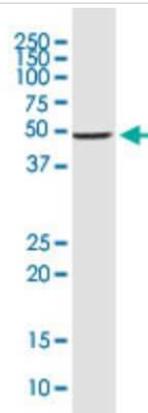
Western Blot: DEC1 Antibody (5B1) [H00008553-M01] - BHLHB2 monoclonal antibody (M01), clone 5B1 Analysis of BHLHB2 expression in HepG2.



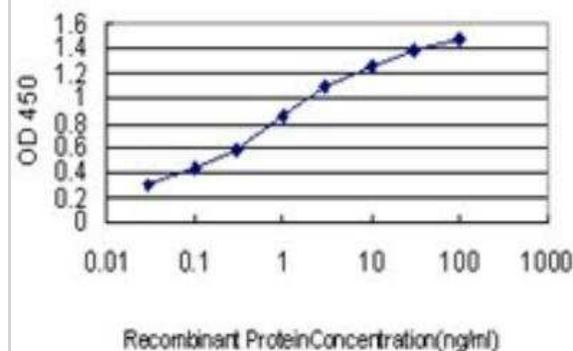
Western Blot: DEC1 Antibody (5B1) [H00008553-M01] - BHLHB2 monoclonal antibody (M01), clone 5B1. Analysis of BHLHB2 expression in Raw 264.7.



Western Blot: DEC1 Antibody (5B1) [H00008553-M01] - BHLHB2 monoclonal antibody (M01), clone 5B1. Analysis of BHLHE40 expression in K-562.



ELISA: DEC1 Antibody (5B1) [H00008553-M01] - Detection limit for recombinant GST tagged BHLHB2 is approximately 0.03ng/ml as a capture antibody.



Publications

Krutilina R, Sun W, Sethuraman A et al. MicroRNA-18a inhibits hypoxia-inducible factor 1-alpha activity and lung metastasis in basal breast cancers. *Breast Cancer Res.* 2014-07-28 [PMID: 25069832]

Lecomte V, Meugnier E, Euthine V et al. A new role for sterol regulatory element binding protein 1 transcription factors in the regulation of muscle mass and muscle cell differentiation. *Mol Cell Biol* 30(5):1182-98. 2010-03-01 [PMID: 20028734]



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 H00008553-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NB100-1800PEP	DEC1 Antibody Blocking Peptide

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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