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BHLHB2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant BHLHB2.
Catalog # AT1297a

Specification

BHLHB2 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	O14503
Other Accession	NM_003670
Reactivity	**Human, Mouse**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**45510**

BHLHB2 Antibody (monoclonal) (M01) - Additional Information

Gene ID 8553

Other Names
Class E basic helix-loop-helix protein 40, bHLHe40, Class B basic helix-loop-helix protein 2, bHLHb2, Differentially expressed in chondrocytes protein 1, DEC1, Enhancer-of-split and hairy-related protein 2, SHARP-2, Stimulated by retinoic acid gene 13 protein, BHLHE40, BHLHB2, DEC1, SHARP2, STRA13

Target/Specificity
BHLHB2 (NP_003661, 130 a.a. ~ 229 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
BHLHB2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

BHLHB2 Antibody (monoclonal) (M01) - Protocols

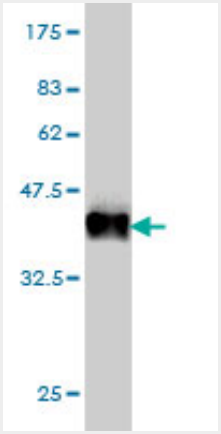
Provided below are standard protocols that you may find useful for product applications.

- Western Blot

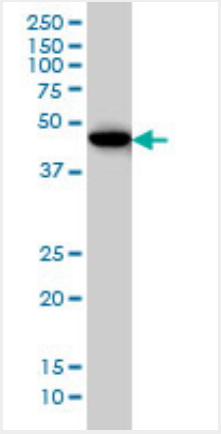
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- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BHLHB2 Antibody (monoclonal) (M01) - Images

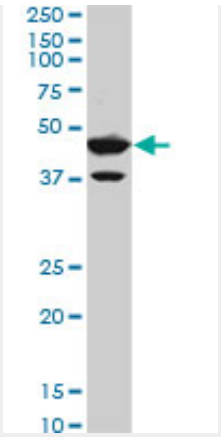


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .

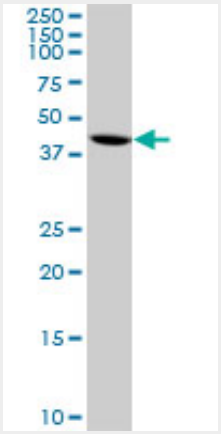


BHLHB2 monoclonal antibody (M01), clone 5B1 Western Blot analysis of BHLHB2 expression in HepG2 ((Cat # AT1297a)

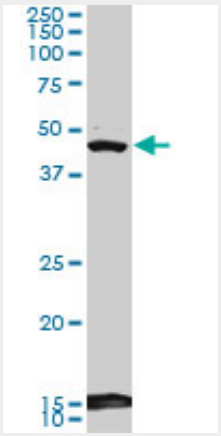
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BHLHB2 monoclonal antibody (M01), clone 5B1. Western Blot analysis of BHLHB2 expression in Hela S3 NE ((Cat # AT1297a)

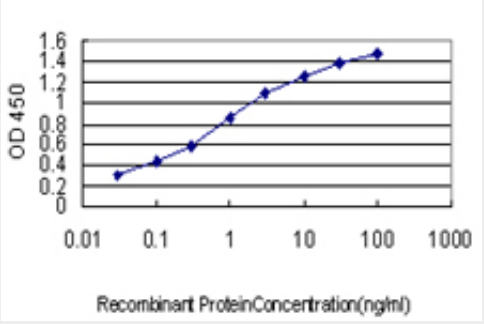


BHLHB2 monoclonal antibody (M01), clone 5B1. Western Blot analysis of BHLHB2 expression in Raw 264.7 ((Cat # AT1297a)



BHLHB2 monoclonal antibody (M01), clone 5B1. Western Blot analysis of BHLHB2 expression in NIH/3T3 ((Cat # AT1297a)

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Detection limit for recombinant GST tagged BHLHB2 is approximately 0.03ng/ml as a capture antibody.

BHLHB2 Antibody (monoclonal) (M01) - Background

This gene encodes a basic helix-loop-helix protein expressed in various tissues. Expression in the chondrocytes is responsive to the addition of Bt2cAMP. The encoded protein is believed to be involved in the control of cell differentiation.

BHLHB2 Antibody (monoclonal) (M01) - References

1.A new role for SREBP-1 transcription factors in the regulation of muscle mass and muscle cell differentiation.Lecomte V, Meugnier E, Euthine V, Durand C, Freyssenet D, Nemoz G, Rome S, Vidal H, Lefai E.Mol Cell Biol. 2009 Dec 22. [Epub ahead of print]