


Product datasheet

Anti-B MyB antibody ab12296

★★★★★ [1 Abreviews](#) [10 References](#) [2 Images](#)

Overview

Product name	Anti-B MyB antibody
Description	Rabbit polyclonal to B MyB
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Xenopus laevis 
Immunogen	Synthetic peptide corresponding to Human B MyB aa 500-600 (internal sequence). (Peptide available as ab12310)
Positive control	This antibody gave a positive signal in HEK293 Whole Cell Lysate Transiently Overexpressing B-Myb
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
Purity	Immunogen affinity purified

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab12296 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		

Application notes

WB: 1/2500. Detects a band of approximately ~90 kDa (predicted molecular weight: 79 kDa).

ab12296 was tested in ICC/IF on HeLa cells (1/100, 1/200, 1/500) and gave high background staining. It appears the antibody may not work in this application.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

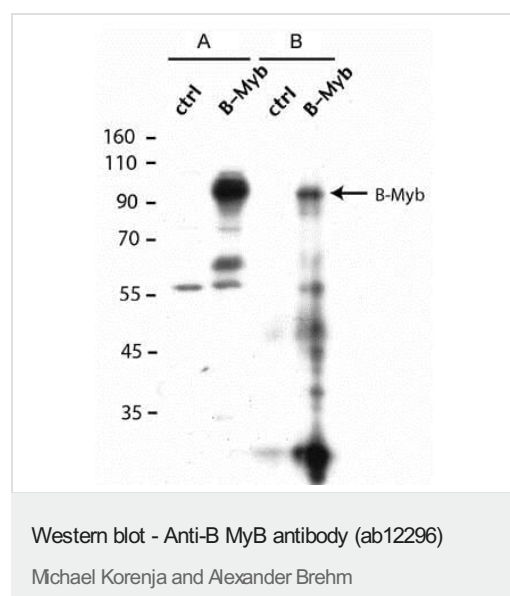
Function Transcription factor involved in the regulation of cell survival, proliferation, and differentiation. Transactivates the expression of the CLU gene.

Sequence similarities Contains 3 HTH myb-type DNA-binding domains.

Post-translational modifications Phosphorylated by cyclin A/CDK2 during S-phase. Phosphorylation at Thr-520 is probably involved in transcriptional activity.

Cellular localization Nucleus.

Images



A: 293 HEK cells were transfected with negative control cDNA (pcDNA3 vector) or human B-Myb cDNA.

B: negative control cDNA (pcDNA3 vector) or human B-Myb cDNA were in vitro translated in rabbit reticulocyte lysate.

A band corresponding to B-Myb was detected (arrow) in all lanes except negative control lanes.

ab12296 dilution: 200 µg/ml.

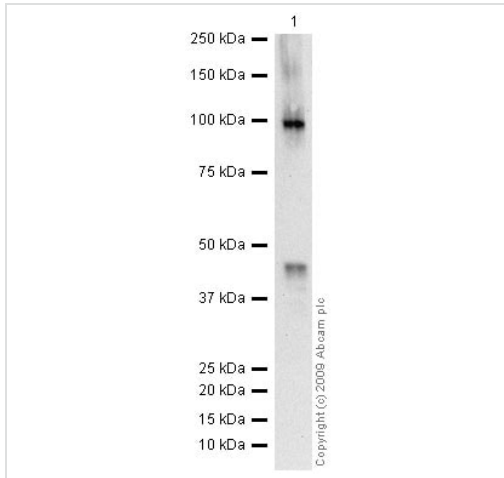
Exposure was for 10 minutes.

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ab12296 dilution: 200 µg/ml. Exposure was for 10 minutes.



Western blot - Anti-B MyB antibody (ab12296)

Anti-B MyB antibody (ab12296) at 1 µg/ml + HEK293 Wcl
Transiently Overexpressing B-Myb at 5 µg

Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at
1/3000 dilution

Performed under reducing conditions.

Predicted band size: 79 kDa

Observed band size: 98 kDa

Additional bands at: 45 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 3 minutes

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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