




Product datasheet

Anti-c-Myb antibody ab62824

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Overview

Product name	Anti-c-Myb antibody
Description	Goat polyclonal to c-Myb
Host species	Goat
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Chicken, Cow, Dog, Chimpanzee, Zebrafish 
Immunogen	Synthetic peptide: C-QRHYNDEDPEKEKR , corresponding to internal sequence amino acids 281-294 of Human c-Myb.  Run BLAST with  Run BLAST with
Positive control	Recombinant Human c-Myb protein (ab114406) can be used as a positive control in WB. Human Spleen lysate
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Clonality	Polyclonal
Isotype	IgG

Applications

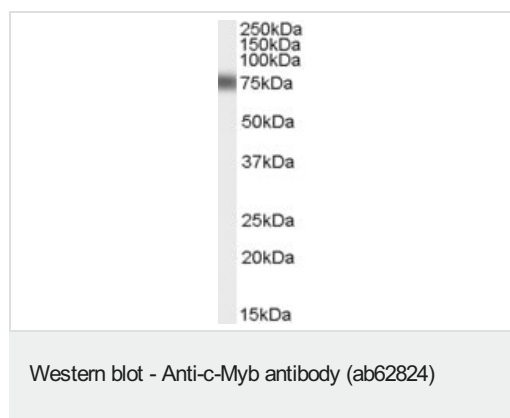
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab62824 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 3 - 6 µg/ml.
WB	★☆☆☆☆ (1)	Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 75 kDa (predicted molecular weight: 72 kDa). 1 hour primary incubation is recommended for this product.

Target

Function	Transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3'. Plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells.
Sequence similarities	Contains 3 HTH myb-type DNA-binding domains.
Domain	Comprised of 3 domains; an N-terminal DNA-binding domain, a centrally located transcriptional activation domain and a C-terminal domain involved in transcriptional repression.
Post-translational modifications	Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation. Phosphorylated by NLK on multiple sites, which induces proteasomal degradation.
Cellular localization	Nucleus.

Images

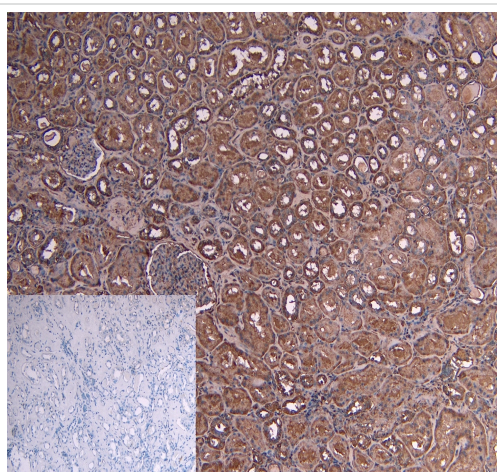


Anti-c-Myb antibody (ab62824) at 0.3 µg/ml + Human Spleen lysate in RIPA buffer at 35 µg

Predicted band size: 72 kDa

Observed band size: 75 kDa

Detected by chemiluminescence



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-c-Myb antibody (ab62824)

ab62824 at 4µg/ml staining c-Myb in paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

Inset image is a Negative Control showing paraffin embedded Human Kidney, with no primary antibody.

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