

## Product datasheet

# Anti-c-Myb antibody ab226251

[2 Images](#)

### Overview

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<b>Product name</b>	Anti-c-Myb antibody
<b>Description</b>	Rabbit polyclonal to c-Myb
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Chimpanzee, Cynomolgus monkey, Rhesus monkey, Gorilla, Orangutan



<b>Immunogen</b>	Synthetic peptide within Human c-Myb aa 525-575. The exact sequence is proprietary. (NP_005366.2). Database link: <b>P10242</b>
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<b>Positive control</b>	WB: MOLT-4 and Jurkat whole cell lysate ( <b>ab7899</b> ). IP: MOLT-4 whole cell lysate.
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<b>General notes</b>	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.
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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

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
<b>Purity</b>	pH 7 to 8 Immunogen affinity purified
<b>Purification notes</b>	ab226251 was affinity purified using an epitope specific to c-Myb immobilized on solid support.

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

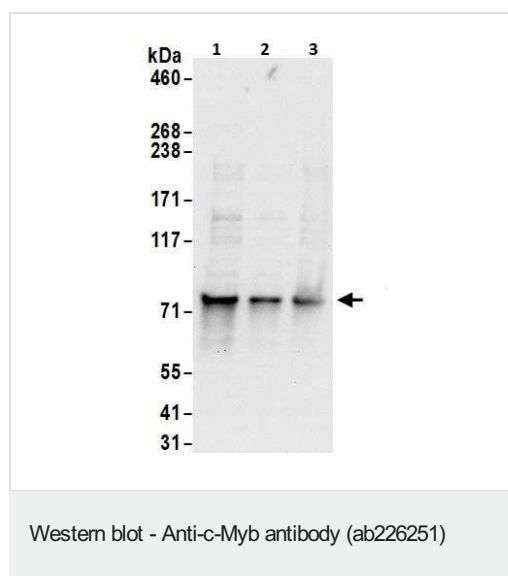
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab226251 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		1/2000 - 1/10000. Predicted molecular weight: 72 kDa.
<b>IP</b>		Use at 2-10 µg/mg of lysate.

## Target

<b>Function</b>	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.
<b>Sequence similarities</b>	Contains 3 HTH myb-type DNA-binding domains.
<b>Domain</b>	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.
<b>Post-translational modifications</b>	Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation. Phosphorylated by NLK on multiple sites, which induces proteasomal degradation.
<b>Cellular localization</b>	Nucleus.

## Images



**All lanes** : Anti-c-Myb antibody (ab226251) at 0.1 µg/ml

**Lane 1** : MOLT-4 (human lymphoblastic leukemia cell line) whole cell lysate at 50 µg

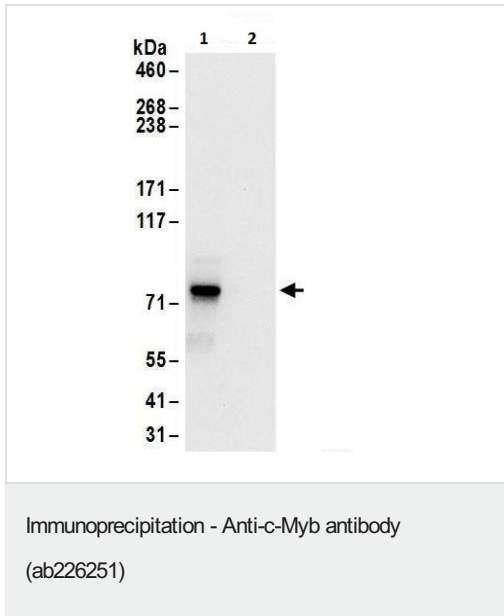
**Lane 2** : MOLT-4 whole cell lysate at 15 µg

**Lane 3** : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate at 50 µg

Developed using the ECL technique.

**Predicted band size:** 72 kDa

**Exposure time:** 10 seconds



c-Myb was immunoprecipitated from MOLT-4 (human lymphoblastic leukemia cell line) whole cell lysate (1 mg for IP, 20% of IP loaded) with ab226251 at 6 µg/mg lysate. Western blot was performed from the immunoprecipitate using ab226251 at 0.4 µg/ml.

Lane 1: ab226251 IP in MOLT-4 whole cell lysate.

Lane 2: Control IgG IP in MOLT-4 whole cell lysate.

Detection: Chemiluminescence with exposure time of 10 seconds.

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

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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