

## Product datasheet

# Anti-Myc tag antibody - ChIP Grade ab9132

★★★★★ [7 Abreviews](#) [143 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-Myc tag antibody - ChIP Grade
<b>Description</b>	Goat polyclonal to Myc tag
<b>Host species</b>	Goat
<b>Specificity</b>	Antibody was verified by ELISA against peptide conjugated to BSA (EQKLISEEDL /BSA).
<b>Tested applications</b>	<b>Suitable for:</b> IP, ChIP, WB, ICC, ELISA
<b>Immunogen</b>	Synthetic peptide: EQKLISEEDL (c-myc) conjugated to KLH.

 [Run BLAST with](#)

 [Run BLAST with](#)

### General notes

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.

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. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 6.80 Preservative: 0.1% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Antibodies were affinity purified using the peptide immobilized on solid support. Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab9132 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
IP		Use at 1-4 µg/mg of lysate. Also PubMed: 20224777
ChIP	★★★★☆ (2)	Use at an assay dependent concentration. ChIP was performed with 25 ug chromatin, 5ug of antibody and 20 ul of Protein A/G beads.
WB	★★★★☆ (3)	1/1000 - 1/30000.
ICC		1/200 - 1/2000.
ELISA		1/100 - 1/500.

## Target

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### Relevance

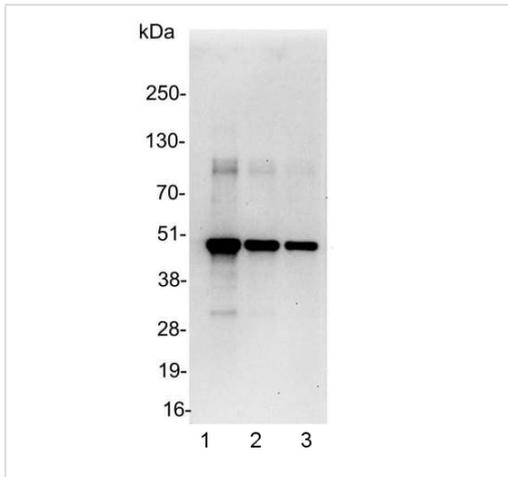
Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. This allows anti-epitope tag antibodies to serve as universal detection reagents for any tag containing protein produced by recombinant means. This means that anti-epitope tag antibodies are a useful alternative to generating specific antibodies to identify, immunoprecipitate or immunoaffinity purify a recombinant protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures. Expression vectors producing epitope tag fusion proteins are available for a variety of host expression systems including bacteria, yeast, insect and mammalian cells.

### Cellular localization

Nuclear

## Images

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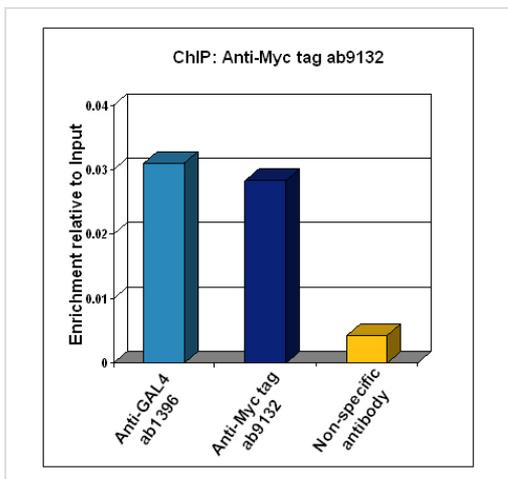
Western blot - Anti-Myc tag antibody - ChIP Grade (ab9132)

**All lanes** : Anti-Myc tag antibody - ChIP Grade (ab9132) at 0.04  $\mu\text{g/ml}$

**Lane 1** : E. coli whole cell lysate at 0.2  $\mu\text{g}$

**Lane 2** : E. coli whole cell lysate at 0.1  $\mu\text{g}$

**Lane 3** : E. coli whole cell lysate at 0.05  $\mu\text{g}$



ChIP - Anti-Myc tag antibody - ChIP Grade (ab9132)

A stably transfected 293T human cell line harbouring the GAL4 upstream activation sequence was transiently transfected with a Myc or His - tagged GAL4 DNA Binding Domain construct. 48 hours post transfection Chromatin was prepared according to the Abcam X-ChIP protocol. The ChIP was performed with 25  $\mu\text{g}$  chromatin, 5 $\mu\text{g}$  of antibody and 20  $\mu\text{l}$  of Protein A/G beads. A non-specific antibody was used as the negative control. The immunoprecipitated DNA was quantified by real time PCR (SYBR Green approach).

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- 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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### **Terms and conditions**

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