

## Product datasheet

# Biotin Anti-Myc tag antibody [9E10] - C-terminal ab197139

### Overview

<b>Product name</b>	Biotin Anti-Myc tag antibody [9E10] - C-terminal
<b>Description</b>	Biotin Mouse monoclonal [9E10] to Myc tag - C-terminal
<b>Host species</b>	Mouse
<b>Conjugation</b>	Biotin
<b>Specificity</b>	This antibody is specific for Myc tagged proteins. The Myc tag epitope (EQKLISEEDL) is located at the dimerization site of c-myc and therefore this antibody does not perform well at recognizing endogenous c-myc.
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt, Flow Cyt (Intra)
<b>Immunogen</b>	Synthetic peptide corresponding to Human Myc tag aa 400 to the C-terminus (C terminal). Database link: <b>P01106</b>

 [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

<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. Store In the Dark.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.0975% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Size exclusion
<b>Purification notes</b>	Purified antibody is conjugated with Biotin-LC-NHS under optimum conditions. The reagent is free of unconjugated biotin.

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	9E10
<b>Isotype</b>	IgG1

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab197139 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>Flow Cyt</b>		Use a concentration of 1 - 5 µg/ml. <b>ab18434</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
<b>Flow Cyt (Intra)</b>		Use a concentration of 1 - 5 µg/ml. <b>ab18434</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## Target

**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

**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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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