

## Product datasheet

# Anti-Myc tag antibody [9E10] (FITC) ab117599

### 1 References

#### Overview

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<b>Product name</b>	Anti-Myc tag antibody [9E10] (FITC)
<b>Description</b>	Mouse monoclonal [9E10] to Myc tag (FITC)
<b>Host species</b>	Mouse
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<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
<b>Immunogen</b>	Synthetic peptide: AEEQKLISEEDLL , corresponding to C terminal amino acids 408 - 420 of Human c-Myc <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

#### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituents: 1% BSA, 98% PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	9E10
<b>Isotype</b>	IgG1

#### Applications

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Our [Abpromise guarantee](#) covers the use of **ab117599** 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
Flow Cyt		1/10. Membrane permeabilisation is required for this application. Use 10µl of antibody to label 10 <sup>6</sup> cells in 100µl. <a href="#">ab91356</a> - 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

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