

Product datasheet

Anti-Myc tag antibody [9E10] (Biotin) ab81658

1 References

Overview

<b>Product name</b>	Anti-Myc tag antibody [9E10] (Biotin)
<b>Description</b>	Mouse monoclonal [9E10] to Myc tag (Biotin)
<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> WB
<b>Immunogen</b>	Synthetic peptide: AEEQKLISEEDLLRKRREQLKHKLE conjugated to KLH, corresponding to amino acids 408-432 of Human c-Myc <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Epitope</b>	ab81658 recognizes the sequence EQKLISEEDL (derived from the human c-myc protein).

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.013% Sodium azide Constituents: 0.87% Sodium chloride, 0.3025% Tris
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	9E10
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab81658** 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
WB		1/5000. Predicted molecular weight: 49 kDa.

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## 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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