abcam

Product datasheet

DyLight® 488 Anti-Myc tag antibody [9E10] ab117499

2 References

Overview

Product name	DyLight® 488 Anti-Myc tag antibody [9E10]
Description	DyLight® 488 Mouse monoclonal [9E10] to Myc tag
Host species	Mouse
Conjugation	DyLight® 488. Ex: 493nm, Em: 518nm
Specificity	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.
Tested applications	**Suitable for:** ICC/IF
Immunogen	Synthetic peptide corresponding to Human Myc tag aa 400 to the C-terminus. Database link: **P01106** Run BLAST with Run BLAST with
Epitope	Epitope located at aa 410-419; EQKLISEEDL
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

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 8.20 Constituent: 99% Tris buffered saline
Purity	Protein G purified
Clonality	Monoclonal
Clone number	9E10
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab117499 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
ICC/IF		1/500 - 1/5000.

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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