

SureLight® APC Anti-Myc tag antibody [9E10] ab72580

2 References

Overview

Product name	SureLight® APC Anti-Myc tag antibody [9E10]
Description	SureLight® APC Mouse monoclonal [9E10] to Myc tag
Host species	Mouse
Conjugation	SureLight® APC. Ex: 652nm, Em: 657nm
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: Flow Cyt, FRET
Immunogen	Synthetic peptide corresponding to Human Myc tag aa 400 to the C-terminus conjugated to keyhole limpet haemocyanin. Run BLAST with ExPASy Run BLAST with NCBI
Epitope	Epitope located at aa 410-419; EQKLISEEDL
General notes	Excitation max. 652 nm. Emission max. 657.5 nm. F/P 1:1. <p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 8.20 Preservative: 0.013% Sodium azide Constituents: 1.64% Sodium phosphate, 0.1% BSA, 0.87% Sodium chloride, 97.37% Tris buffered saline
Purification notes	Size exclusion chromatography as well as some proprietary methods for purifying the final materials were used.

Clonality	Monoclonal
Clone number	9E10
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab72580 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		Use at an assay dependent concentration. ab73711 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
FRET		Use at an assay dependent concentration.

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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