

HRP Anti-Myc tag antibody [9E10] ab62928

★★★★★ [2 Abreviews](#) [30 References](#) [2 Images](#)

Overview

Product name	HRP Anti-Myc tag antibody [9E10]
Description	HRP Mouse monoclonal [9E10] to Myc tag
Host species	Mouse
Conjugation	HRP
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human Myc tag aa 400 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin.
Positive control	WB: E.coli Whole Cell Lysate (positive control) expressing 11 different epitope tags (ab5395) and Recombinant E.coli Multi Tag protein (ab36791).
General notes	<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 short term (1-2 weeks). Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.1% Proclin 300 Solution</p> <p>Constituents: PBS, 1% BSA, 30% Glycerol (glycerin, glycerine)</p> <p>contains 0.4M Arginine</p>
Purity	IgG fraction
Clonality	Monoclonal
Clone number	9E10

Myeloma	Sp2/0
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab62928 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

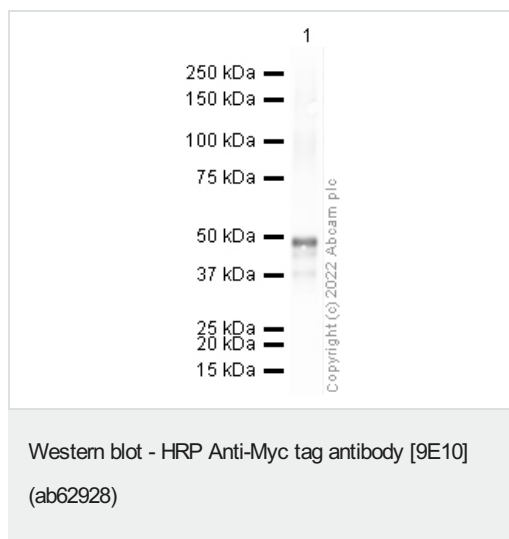
Application	Abreviews	Notes
ELISA		1/100 - 1/500.
WB	★★★★★ (2)	1/10000 - 1/50000. Detects a band of approximately 41,45 kDa (predicted molecular weight: 49 kDa).

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

Images



HRP Anti-Myc tag antibody [9E10] (ab62928) at 1/10000 dilution +
Recombinant E. coli Multi Tag protein ([ab36791](#)) at 0.5 µg

Predicted band size: 49 kDa

Observed band size: 45 kDa

Exposure time: 4 minutes

Blocking buffer: 2% BSA

Gel type: MOPS



HRP Anti-Myc tag antibody [9E10] (ab62928) at 1/10000 dilution +
E. coli Positive Control (Escherichia coli) Whole Cell Lysate
([ab5395](#)) at 0.1 µg

Performed under reducing conditions.

Predicted band size: 49 kDa

Observed band size: 41 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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