



Product datasheet

HRP Anti-Myc tag antibody [Myc.A7] ab173830

★★★★★ 1 Abreviews 1 Image

Overview

Product name	HRP Anti-Myc tag antibody [Myc.A7]
Description	HRP Mouse monoclonal [Myc.A7] to Myc tag
Host species	Mouse
Conjugation	HRP
Tested applications	Suitable for: WB
Immunogen	<p>Synthetic peptide within Human Myc tag aa 410-419 (C terminal). The exact sequence is proprietary.</p> <p>Sequence:</p> <p>EQKLISEEDL</p> <p>Database link: P01106</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>

Positive control

[Purchase matching WB positive control:
Recombinant human c-Myc protein \(Active\)>](#)

E. coli lysate containing a multi-epitope tagged protein.

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.
Purity	Protein G purified
Clonality	Monoclonal
Clone number	Myc.A7

Isotype

IgG1

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab173830 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)	1/500 - 1/2000. Predicted molecular weight: 1 kDa.

Target

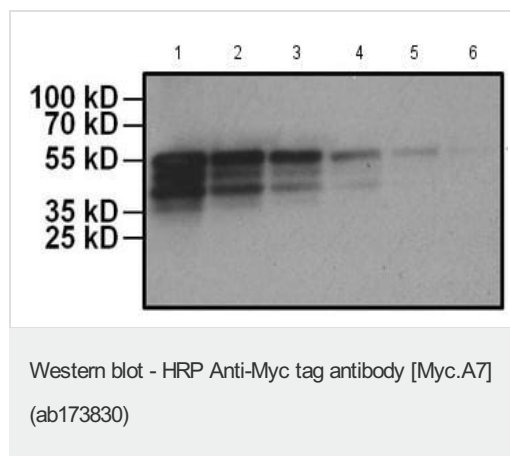
Relevance

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



All lanes : HRP Anti-Myc tag antibody [Myc.A7] (ab173830) at 1/1000 dilution

Lane 1 : E. coli lysate containing a multi-epitope tagged protein at 1 μ g

Lane 2 : E. coli lysate containing a multi-epitope tagged protein at 0.5 μ g

Lane 3 : E. coli lysate containing a multi-epitope tagged protein at 0.25 μ g

Lane 4 : E. coli lysate containing a multi-epitope tagged protein at 0.125 μ g

Lane 5 : E. coli lysate containing a multi-epitope tagged protein at 0.0500000007450581 μ g

Lane 6 : E. coli lysate containing a multi-epitope tagged protein at 0.025000000372529 μ g

Developed using the ECL technique.

Predicted band size: 1 kDa

Note: predicted MW is for the Myc tag only.

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

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