abcam

Product datasheet

Anti-Myc tag antibody [9E10] (HRP) ab62928

2 Abreviews 20 References 1 Image

Overview

Product name	Anti-Myc tag antibody [9E10] (HRP)
Description	Mouse monoclonal [9E10] to Myc tag (HRP)
Host species	Mouse
Conjugation	HRP
Tested applications	**Suitable for:** ELISA, WB
Immunogen	Synthetic peptide corresponding to Human Myc tag aa 400 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin.
Positive control	Purchase matching WB positive control: **Recombinant human c-Myc protein (Active)** This antibody gave a positive signal in E.coli Whole Cell Lysate (positive control) expressing 11 different epitope tags (ab5395).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.1% Proclin Constituents: PBS, 1% BSA, 30% Glycerol contains 0.4M Arginine
Purity	Immunogen affinity purified
Clonality	Monoclonal
Clone number	9E10
Myeloma	Sp2/0
Isotype	IgG1
Light chain type	kappa

Applications

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	★★★★★	1/10000 - 1/50000. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).

Target

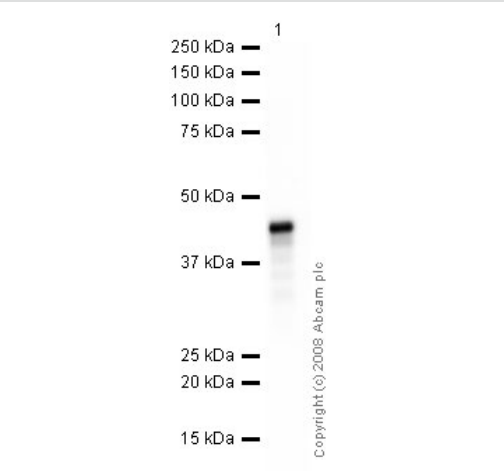
Relevance

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



Western blot - Anti-Myc tag antibody [9E10] (HRP) (ab62928)

Anti-Myc tag antibody [9E10] (HRP) (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: 41 kDa

Observed band size: 41 kDa

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