


# Anti-b-Myc antibody [EP643Y] - BSA and Azide free ab247291

Recombinant RabMAb

2 Images

### Overview

Product name	Anti-b-Myc antibody [EP643Y] - BSA and Azide free
Description	Rabbit monoclonal [EP643Y] to b-Myc - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt or IP
Species reactivity	<b>Reacts with:</b> Rat <b>Predicted to work with:</b> Mouse 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab247291 is the carrier-free version of <a href="#">ab40798</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

## Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EP643Y
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab247291 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

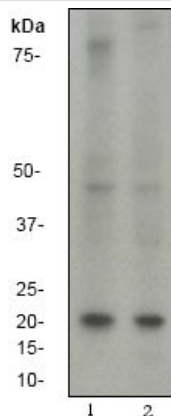
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 20 kDa (predicted molecular weight: 18.3 kDa).

**Application notes** Is unsuitable for Flow Cyt or IP.

## Target

Relevance	b-Myc is a member of the myc family of transcriptional regulators including c-myc, N-myc, L-myc and S-myc. Even though the biological role of b-myc has not yet been determined, b-myc has been show to inhibit c-myc function. Mostly expressed in the brain, protein expression in adrenal gland, pituitary gland, mammary gland, ovary, and uterus suggest that b-myc gene expression is associated with hormonally regulated tissues.
Cellular localization	Nuclear

## Images



Western blot - Anti-b-Myc antibody [EP643Y] - BSA and Azide free (ab247291)

**All lanes :** Anti-b-Myc antibody [EP643Y] (**ab40798**) at 1/500 dilution

**Lane 1 :** Rat Brain

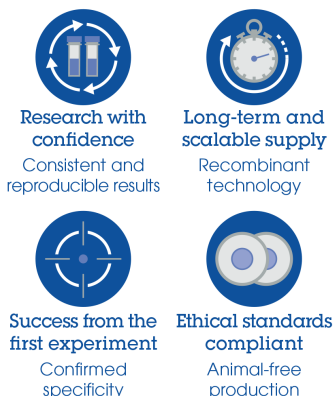
**Lane 2 :** PC12

**Predicted band size:** 18.3 kDa

**Observed band size:** 20 kDa

This data was developed using **ab40798**, the same antibody clone in a different buffer formulation.

#### Why choose a recombinant antibody?



Anti-b-Myc antibody [EP643Y] - BSA and Azide free (ab247291)

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

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