## abcam

## Product datasheet

## Anti-MYL4 antibody [EPR5337] abl33511

## Recombinant RabMAb

2 Images

## Overview

Product name
Description
Host species
Tested applications

Species reactivity
Immunogen
Positive control
General notes

Anti-MYL4 antibody [EPR5337]
Rabbit monoclonal [EPR5337] to MYL4
Rabbit
Suitable for: WB
Unsuitable for: IHC-P or IP
Reacts with: Human
Synthetic peptide within Human MYL4 aa 1-100. The exact sequence is proprietary.
Fetal muscle and Human heart lysates
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information see here.
Our RabMAb ${ }^{\circledR}$ technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb $^{\circledR}$ patents.

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

## Properties

| Form | Liquid |
| :--- | :--- |
| Storage instructions | Shipped at $4^{\circ} \mathrm{C}$. Store at $-20^{\circ} \mathrm{C}$. Stable for 12 months at $-20^{\circ} \mathrm{C}$. |
| Storage buffer | $\mathrm{pH}: 7.2$ |
|  | Preservative: $0.05 \%$ Sodium azide |
|  | Constituents: $40 \%$ Glycerol (glycerin, glycerine), $9.85 \%$ Tris glycine, $50 \%$ Tissue culture |
| supernatant |  |
| Purity | Tissue culture supernatant |
| Clonality | Monoclonal |

## Applications

The Abpromise guarantee Our Abpromise guarantee covers the use of ab133511 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 |  | $1 / 10000-1 / 50000$. Predicted molecular weight: 22 kDa. |

Application notes
Is unsuitable for IHC-P or IP.

Target

Function
Sequence similarities

Regulatory light chain of myosin. Does not bind calcium.
Contains 3 EF-hand domains.

Images


Western blot - Anti-MYL4 antibody [EPR5337]
(ab133511)

All lanes: Anti-MYL4 antibody [EPR5337] (ab133511) at 1/10000
dilution

Lane 1 : Fetal muscle lysate
Lane 2 : Human heart lysate

Lysates/proteins at $10 \mu \mathrm{~g}$ per lane.

## Secondary

All lanes: Goat-anti-rabbit HRP at 1/2000 dilution

Predicted band size: 22 kDa


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

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