

## Product datasheet

# Anti-MURF1 + MURF3 + MURF2 antibody [EPR6431(2)] - BSA and Azide free ab232364

Recombinant RabMAb

2 Images

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-MURF1 + MURF3 + MURF2 antibody [EPR6431(2)] - BSA and Azide free   |
| <b>Description</b>         | Rabbit monoclonal [EPR6431(2)] to MURF1 + MURF3 + MURF2 - BSA and Azide free  |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse, Rat, Human   |
| <b>Immunogen</b>           | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| <b>Positive control</b>    | WB: Human skeletal muscle lysate; Mouse muscle lysate.  |
| <b>General notes</b>       | <p>ab232364 is the carrier-free version of <a href="#">ab172479</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

---

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| <b>Storage buffer</b>       | pH: 7.2<br>Constituent: PBS                   |
| <b>Carrier free</b>         | Yes   |
| <b>Purity</b>               | Protein A purified                            |
| <b>Clonality</b>            | Monoclonal                                    |
| <b>Clone number</b>         | EPR6431(2)                                    |
| <b>Isotype</b>              | IgG   |

## Applications

---

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab232364 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  |
|-------------|-----------|--|
| <b>WB</b>   |           | Use at an assay dependent concentration. Predicted molecular weight: 40 kDa. |

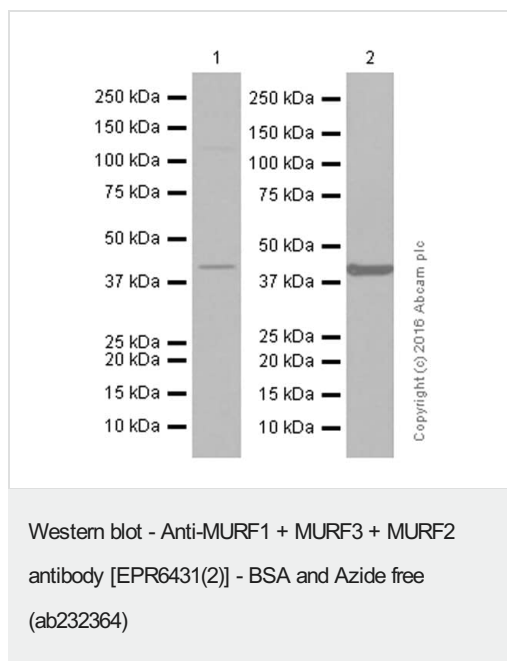
## Target

---

**Cellular localization** MURF1: Cytoplasm. Nucleus. Localizes to the M- and Z-lines in skeletal muscle. Colocalizes with TNNI3 in myocytes. MURF3: Cytoplasm > cytoskeleton. Cytoplasm > myofibril > sarcomere > Z line. Associates with microtubules. Localizes to the Z-lines in skeletal muscles. MURF2: Cytoplasm. Nucleus. Nuclear under atrophic conditions and upon mechanical signals. Localizes to the sarcomeric M-band in cardiomyocytes. Colocalizes in part with microtubules.

## Images

---



**All lanes :** Anti-MURF1 + MURF3 + MURF2 antibody [EPR6431(2)] ([ab172479](#)) at 1/1000 dilution

**Lane 1 :** Human skeletal muscle lysate

**Lane 2 :** Mouse muscle lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes :** Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/2000 dilution

**Predicted band size:** 40 kDa

**Observed band size:** 40 kDa

Blocking and diluting buffer: 5% NFDM/TBST

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab172479](#)).

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-MURF1 + MURF3 + MURF2 antibody [EPR6431(2)] - BSA and Azide free (ab232364)

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

### Our Promise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors