**Overview**

**Product name**
Anti-MURF1+MURF3+MURF2 antibody [EPR6431(2)]

**Description**
Rabbit Monoclonal [EPR6431(2)] to MURF1+MURF3+MURF2

**Host species**
Rabbit

**Tested applications**
Suitable for: WB

**Species reactivity**
Reacts with: Mouse, Rat, Human

**Immunogen**
Synthetic peptide within Human MURF1 aa 1-100. The exact sequence is proprietary.
Database link: Q969Q1

**Positive control**
Rat muscle, Mouse muscle and Human skeletal muscle tissue lysate.

**General notes**

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMab® patents](#).

We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.

This product is a recombinant rabbit monoclonal antibody.

**Properties**

**Form**
Liquid

**Storage instructions**

**Storage buffer**
pH: 7.20
Preservative: 0.01% Sodium azide
Constituents: 59% PBS, 0.05% BSA, 40% Glycerol

**Purity**
Protein A purified
Clonality: Monoclonal
Clone number: EPR6431(2)
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab172479 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>1/1000 - 1/5000. Predicted molecular weight: 40 kDa.</td>
<td></td>
</tr>
</tbody>
</table>

Target

Cellular localization


Images

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

Lane 1: Human skeletal muscle lysate at 15 µg
Lane 2: Mouse muscle lysate at 20 µg

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
Western blot - Anti-MURF1 + MURF3 + MURF2 antibody [EPR6431(2)] (ab172479)

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

Lane 1: Rat muscle tissue lysate
Lane 2: Mouse muscle tissue lysate
Lane 3: Human skeletal muscle tissue lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 40 kDa

Anti-MURF1+MURF3+MURF2 antibody [EPR6431(2)] (ab172479) at 1/1000 dilution + His-Tagged human MURF1 (aa 1 to 353) recombinant protein at 1 µg with 5% NFDM/TBST

Secondary

Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 40 kDa

Observed band size: 60 kDa

why is the actual band size different from the predicted?

Exposure time: 30 seconds
Anti-MURF1+MURF3+MURF2 antibody [EPR6431(2)] (ab172479) at 1/1000 dilution + His-Tagged human MURF3 (full length) recombinant protein at 1 µg with 5% NFDM/TBST

**Secondary**
Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

**Predicted band size:** 40 kDa
**Observed band size:** 45 kDa why is the actual band size different from the predicted?

**Exposure time:** 180 seconds

---

Anti-MURF1+MURF3+MURF2 antibody [EPR6431(2)] (ab172479) at 1/500 dilution + His-Tagged human MURF2 (full length) recombinant protein at 1 µg with 5% NFDM/TBST

**Secondary**
Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

**Predicted band size:** 40 kDa
**Observed band size:** 75 kDa why is the actual band size different from the predicted?

**Exposure time:** 150 seconds

---

Anti-MURF1+MURF3+MURF2 antibody [EPR6431(2)] (ab172479) at 1/5000 dilution + Mouse muscle lysate at 20 µg

**Secondary**
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

**Exposure time:** 150 seconds

Blocking and diluting buffer: 5% NFDM/TBST
Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise 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