

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

リコンビナント **RabMAb**

**1 Abreviews** **53 References** **画像数 7**

### 製品の概要

製品名	Anti-MURF1 + MURF3 + MURF2 antibody [EPR6431(2)]
製品の詳細	Rabbit monoclonal [EPR6431(2)] to MURF1 + MURF3 + MURF2
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Synthetic peptide within Human MURF1 aa 1-100. The exact sequence is proprietary. Database link: <a href="#">Q969Q1</a>
ポジティブ・コントロール	Rat muscle, Mouse muscle and Human skeletal muscle tissue lysate.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR6431(2)
アイソタイプ	IgG

## アプリケーション

**The Abpromise guarantee**      **Abpromise保証は、次のテスト済みアプリケーションにおけるab172479の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

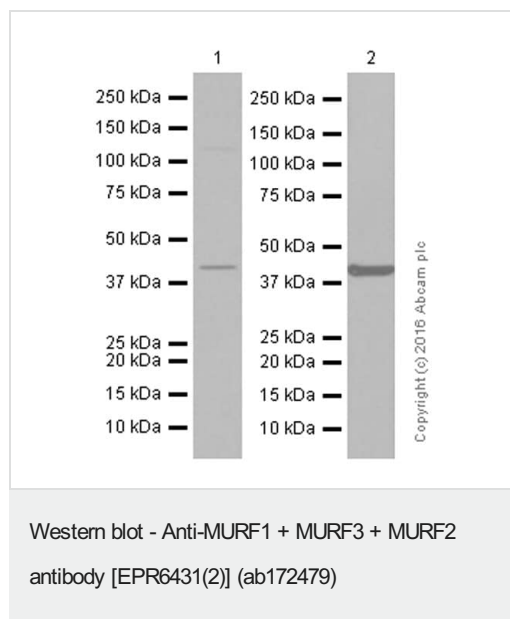
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/5000. Predicted molecular weight: 40 kDa.

## ターゲット情報

### 細胞内局在

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.

## 画像



**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.

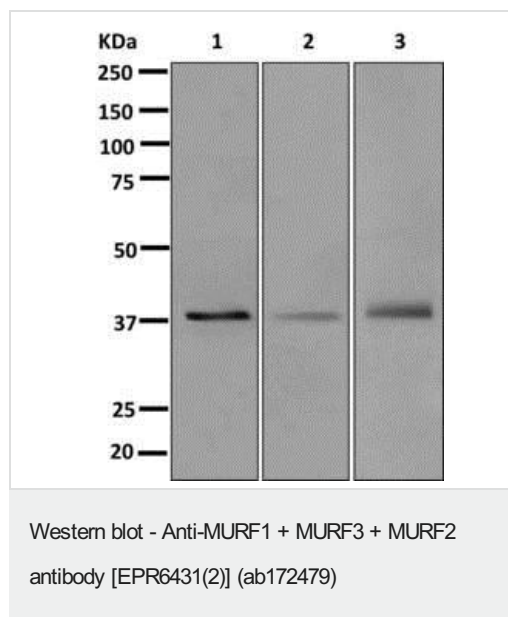
### Secondary

**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



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

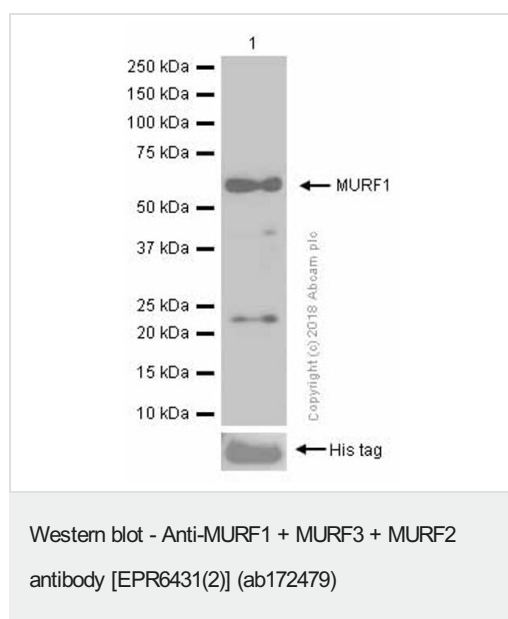
**Lane 1 :** Rat muscle tissue lysate

**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

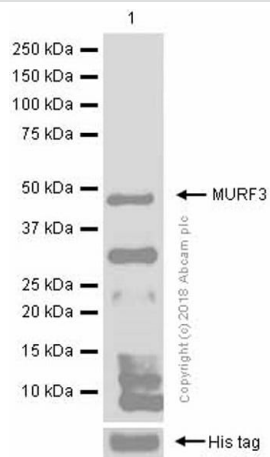
### Secondary

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

**Exposure time:** 30 seconds



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

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

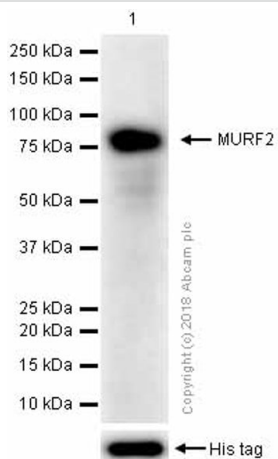
#### Secondary

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

**Exposure time:** 180 seconds



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

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

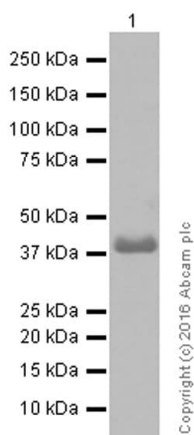
#### Secondary

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

**Exposure time:** 150 seconds



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

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

### 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)] (ab172479)

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

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