


### Anti-Myf5 antibody [EPR4899] ab125078

リコンビナント RabMAb<sup>®</sup>

**11 References** [画像数 5](#)

#### 製品の概要

製品名	Anti-Myf5 antibody [EPR4899]
製品の詳細	Rabbit monoclonal [EPR4899] to Myf5
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IP <b>適用なし:</b> ICC/IF
種交差性	<b>交差種:</b> Mouse, Rat, Human <b>交差が予測される動物種:</b> Pig 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Human skeletal muscle, rat muscle, mouse muscle and rat heart 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. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR4899

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ab125078の使用に適用されず**  
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検討ください。

アプリケーション	Abreviews	特記事項
WB		1/10000 - 1/50000. Detects a band of approximately 37 kDa (predicted molecular weight: 28 kDa).
IP		1/20.

## 追加情報

Is unsuitable for ICC/IF.

## ターゲット情報

### 機能

Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.

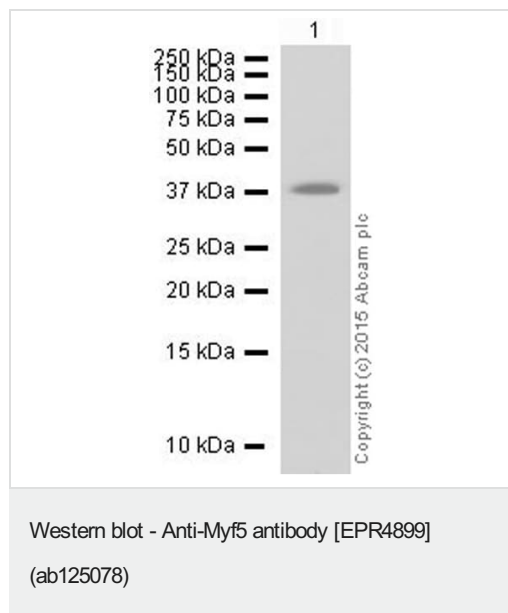
### 配列類似性

Contains 1 basic helix-loop-helix (bHLH) domain.

### 細胞内局在

Nucleus.

## 画像



Anti-Myf5 antibody [EPR4899] (ab125078) at 1/50000 dilution  
(purified) + Human skeletal muscle tissue lysate at 10 µg

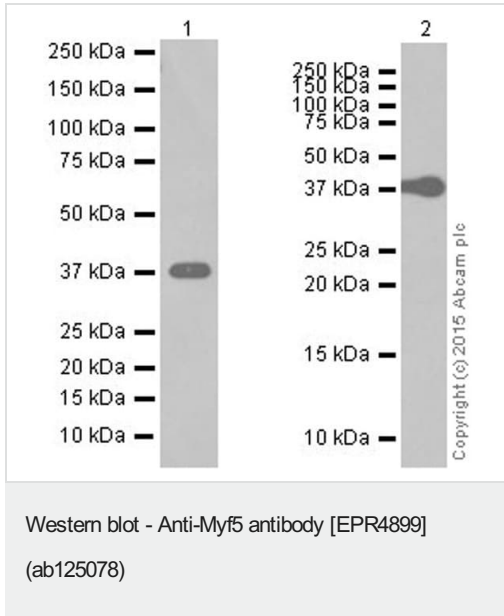
### Secondary

HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of  
IgG at 1/1000 dilution

**Predicted band size:** 28 kDa

**Observed band size:** 39 kDa

Blocking and dilution buffer: 5% NFDm/TBST



**All lanes :** Anti-Myf5 antibody [EPR4899] (ab125078) at 1/50000 dilution (purified)

**Lane 1 :** Rat muscle tissue lysate

**Lane 2 :** Mouse muscle tissue lysate

Lysates/proteins at 10 µg per lane.

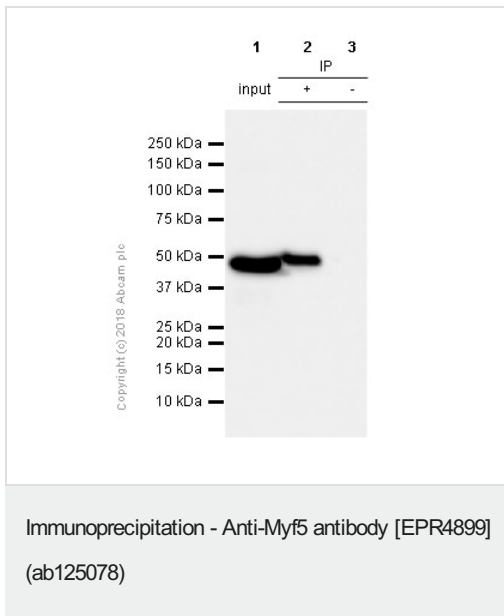
**Secondary**

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 28 kDa

**Observed band size:** 39 kDa

Blocking and dilution buffer: 5% NFDM/TBST



ab125078 (Purified) at 1/20 dilution (20 µg/ml) immunoprecipitating Myf5 in Human skeletal muscle lysate.

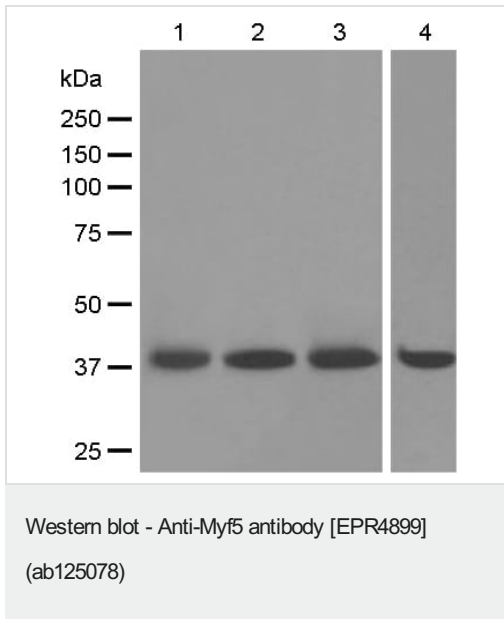
Lane 1 (input): Human skeletal muscle

Lane 2 (+): 125078 & Human skeletal muscle lysate

Lane 3 (-): Rabbit monoclonal IgG ([ab172730](#)) instead of ab125078 in human skeletal muscle lysate

For western blotting, ab125078 at 1/1000 and VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used for detection at 1/1000 dilution.

Blocking and diluting buffer: 5% NFDM /TBST.



**All lanes** : Anti-Myf5 antibody [EPR4899] (ab125078) at 1/10000 dilution (unpurified)

**Lane 1** : Human skeletal muscle tissue lysate

**Lane 2** : Rat muscle tissue lysate

**Lane 3** : Mouse muscle tissue lysate

**Lane 4** : Rat heart tissue lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes** : HRP-conjugated goat anti-rabbit IgG at 1/2000 dilution

**Predicted band size:** 28 kDa

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-Myf5 antibody [EPR4899] (ab125078)

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

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