


Product datasheet

Anti-Myf5 antibody [EPR4899] ab125078

Recombinant RabMAb

[11 References](#) [5 Images](#)

Overview

Product name	Anti-Myf5 antibody [EPR4899]
Description	Rabbit monoclonal [EPR4899] to Myf5
Host species	Rabbit
Tested applications	Suitable for: WB, IP Unsuitable for: ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Pig 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human skeletal muscle, rat muscle, mouse muscle and rat heart tissue lysate.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR4899

Isotype IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab125078 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

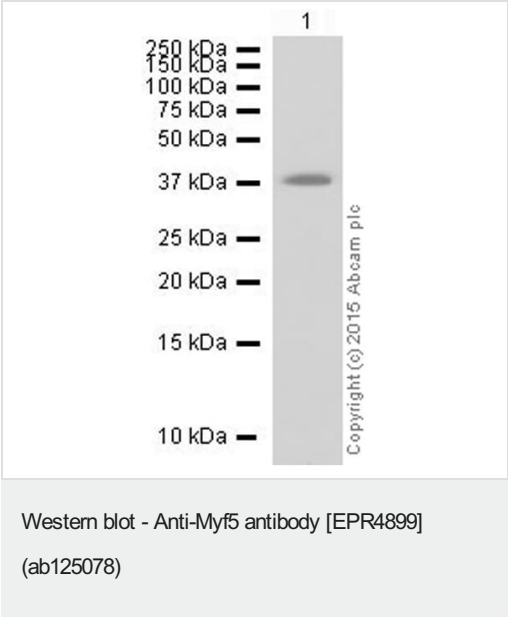
Application	Abreviews	Notes
WB		1/10000 - 1/50000. Detects a band of approximately 37 kDa (predicted molecular weight: 28 kDa).
IP		1/20.

Application notes Is unsuitable for ICC/IF.

Target

Function	Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain.
Cellular localization	Nucleus.

Images

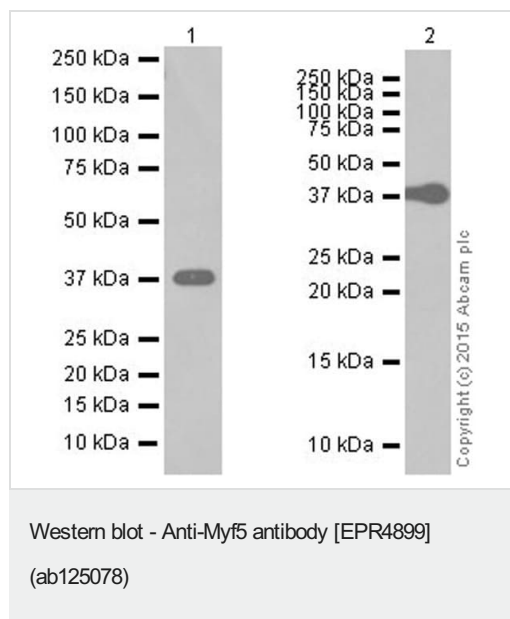


Anti-Myf5 antibody [EPR4899] (ab125078) at 1/50000 dilution (purified) + Human skeletal muscle tissue lysate at 10 µg

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.

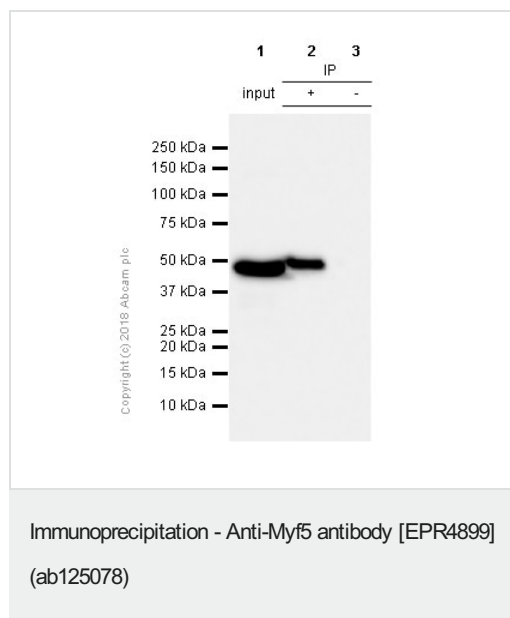
Secondary

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.

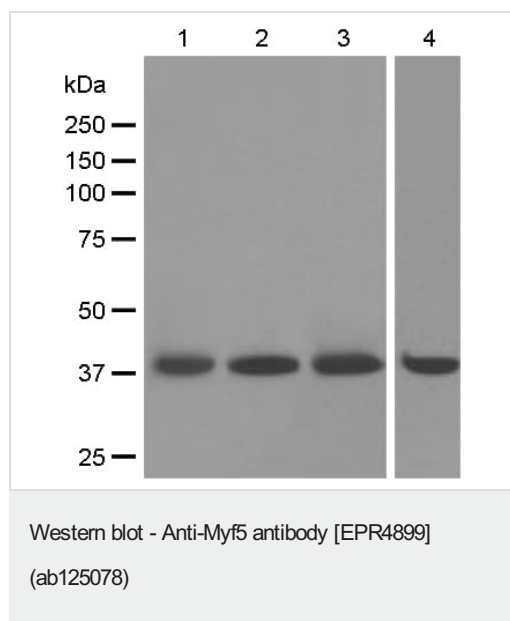
Lane 1 (input): Human skeletal muscle

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?

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-Myf5 antibody [EPR4899] (ab125078)

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

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