

Product datasheet

Anti-Talin 2 antibody [EPR2536(2)] ab108967

Recombinant RabMAb

3 References 5 Images

Overview

Product name	Anti-Talin 2 antibody [EPR2536(2)]
Description	Rabbit monoclonal [EPR2536(2)] to Talin 2
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF or IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human Talin 2 aa 400-500. The exact sequence is proprietary.
Positive control	COS-1, 293T, HeLa, and Jurkat whole cell lysate (ab7899)
General notes	

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

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.

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™

guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. 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), 59% PBS, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR2536(2)
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab108967** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

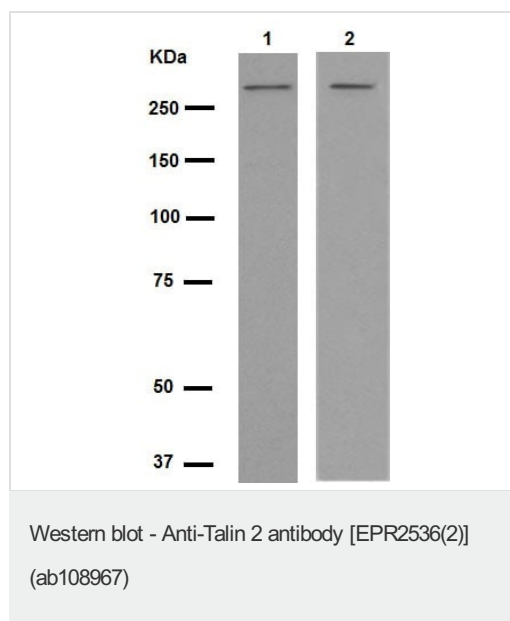
Application	Abreviews	Notes
WB		1/10000 - 1/50000. Detects a band of approximately 270 kDa (predicted molecular weight: 272 kDa).

Application notes Is unsuitable for ICC/IF or IHC-P.

Target

Function	As a major component of focal adhesion plaques that links integrin to the actin cytoskeleton, may play an important role in cell adhesion. Recruits PIP5K1C to focal adhesion plaques and strongly activates its kinase activity.
Sequence similarities	Contains 1 FERM domain. Contains 1 ILWEQ domain.
Cellular localization	Cell junction > focal adhesion. Cell junction > synapse. Cell membrane. Cytoplasm > cytoskeleton. Focal adhesion plaques and synapses.

Images



All lanes : Anti-Talin 2 antibody [EPR2536(2)] (ab108967) at 1/50000 dilution (purified)

Lane 1 : Mouse heart

Lane 2 : Rat heart

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

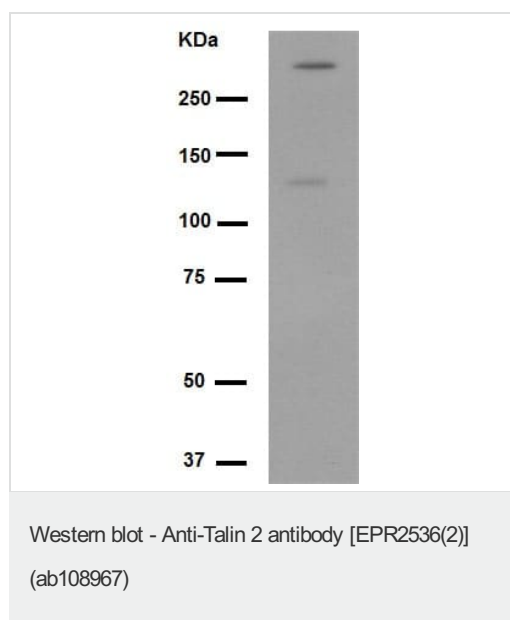
Predicted band size: 272 kDa

Observed band size: 270 kDa

[why is the actual band size different from the predicted?](#)

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Anti-Talin 2 antibody [EPR2536(2)] (ab108967) at 1/50000 dilution (purified) + Jurkat cell lysate at 10 µg

Secondary

HRP goat anti-rabbit (H+L) at 1/1000 dilution

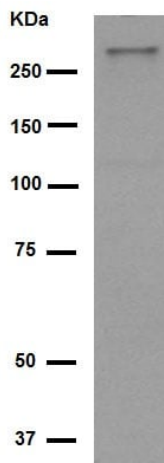
Predicted band size: 272 kDa

Observed band size: 270 kDa

[why is the actual band size different from the predicted?](#)

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Western blot - Anti-Talin 2 antibody [EPR2536(2)]
(ab108967)

Anti-Talin 2 antibody [EPR2536(2)] (ab108967) at 1/50000 dilution
(purified) + COS-1 cell lysate at 20 µg

Secondary

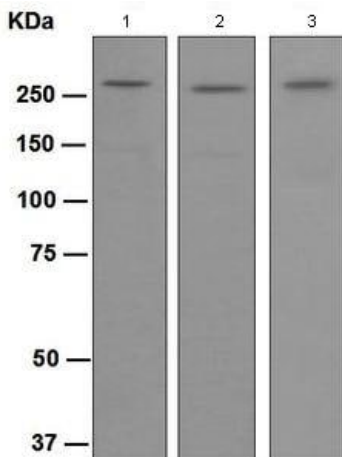
HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 272 kDa

Observed band size: 270 kDa [why is the actual band size different from the predicted?](#)

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Western blot - Anti-Talin 2 antibody [EPR2536(2)]
(ab108967)

All lanes : Anti-Talin 2 antibody [EPR2536(2)] (ab108967) at
1/50000 dilution (unpurified)

Lane 1 : COS-1 cell lysate

Lane 2 : 293T cell lysate

Lane 3 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 272 kDa

Observed band size: 270 kDa [why is the actual band size different from the predicted?](#)

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-Talin 2 antibody [EPR2536(2)] (ab108967)

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

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