


Product datasheet

Anti-C1orf93 antibody [EPR13703] ab180932

Recombinant RabMAb

4 Images

Overview

Product name	Anti-C1orf93 antibody [EPR13703]
Description	Rabbit monoclonal [EPR13703] to C1orf93
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Pig, Orangutan 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Fetal kidney, HeLa, MCF7 and THP1 cell lines.
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 long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR13703
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab180932 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
IP		1/60.
WB		1/500. Detects a band of approximately 21 kDa (predicted molecular weight: 21 kDa).

Target

Function

Catalyzes the reduction of prostaglandin-ethanolamide H(2) (prostamide H(2)) to prostamide F(2alpha) with NADPH as proton donor. Also able to reduce prostaglandin H(2) to prostaglandin F(2alpha).

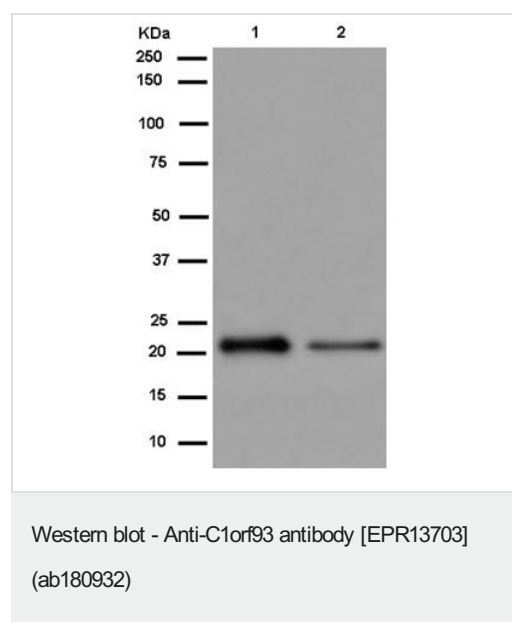
Sequence similarities

Belongs to the prostamide/prostaglandin F synthase family.

Cellular localization

Cytoplasm > cytosol.

Images



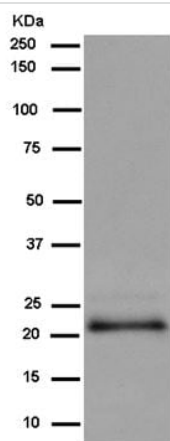
All lanes : Anti-C1orf93 antibody [EPR13703] (ab180932) at 1/5000 dilution

Lane 1 : MCF7 cell lysate

Lane 2 : HeLa cell lysate

Lysates/proteins at 20 µg per lane.

Predicted band size: 21 kDa



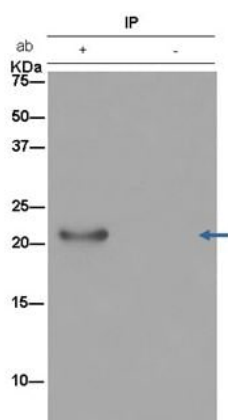
Western blot - Anti-C1orf93 antibody [EPR13703]
(ab180932)

Anti-C1orf93 antibody [EPR13703] (ab180932) at 1/1000 dilution +
THP1 cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000
dilution

Predicted band size: 21 kDa



Immunoprecipitation - Anti-C1orf93 antibody
[EPR13703] (ab180932)

Immunoprecipitation of fetal kidney cell line labeling C1orf93 using
ab180932 at a 1/60 dilution (lane 1). Lane 2 shows the negative
control. Anti-Rabbit IgG (HRP), specific to the non-reduced form of
IgG, was used as a secondary antibody at a dilution of 1/1500.
Blocking/dilution buffer and concentration: 5% NFDM/TBST

All lanes : Anti-C1orf93 antibody [EPR13703] (ab180932) at 1/60
dilution

Lane 1 : fetal kidney cell line at 10 µg

Lane 2 : Negative control

Secondary

All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form
of IgG at 1/1500 dilution

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-C1orf93 antibody [EPR13703] (ab180932)

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