

Product datasheet

Anti-FSTL1/FRP antibody [EPR21933-155] ab223287

Recombinant RabMAb

[5 References](#) [4 Images](#)

Overview

| | |
|----------------------------|--|
| Product name | Anti-FSTL1/FRP antibody [EPR21933-155] |
| Description | Rabbit monoclonal [EPR21933-155] to FSTL1/FRP |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IP |
| Species reactivity | Reacts with: Mouse, Rat, Human |
| Immunogen | Recombinant fragment. This information is proprietary to Abcam and/or its suppliers. |
| Positive control | WB: Rat and mouse E14 embryo lysate; C6 cell lysate; Human, mouse and rat serum. IP: Rat embryo 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 long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPR21933-155 |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab223287 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 | | 1/1000. Predicted molecular weight: 35 kDa. |
| IP | | 1/30. |

Target

Function

May modulate the action of some growth factors on cell proliferation and differentiation. Binds heparin.

Tissue specificity

Overexpressed in synovial tissues from rheumatoid arthritis.

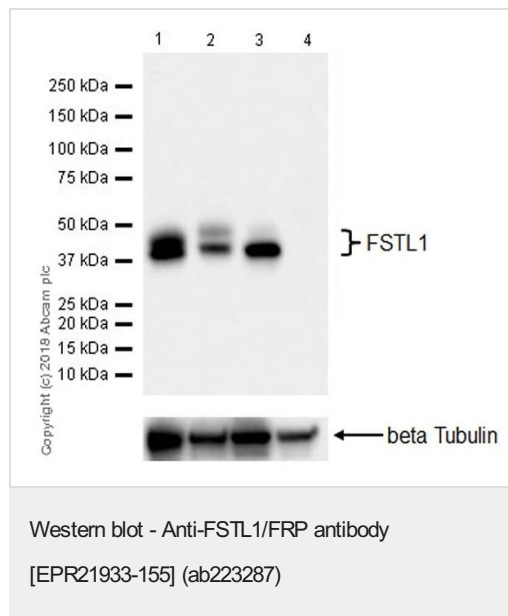
Sequence similarities

Contains 2 EF-hand domains.
Contains 1 follistatin-like domain.
Contains 1 Kazal-like domain.
Contains 1 VWFC domain.

Cellular localization

Secreted.

Images



All lanes : Anti-FSTL1/FRP antibody [EPR21933-155] (ab223287) at 1/1000 dilution

Lane 1 : Rat E14 embryo lysate

Lane 2 : Mouse E14 embryo lysate

Lane 3 : C6 (Rat glial tumor cell line) cell lysate

Lane 4 : Rat liver lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 35 kDa

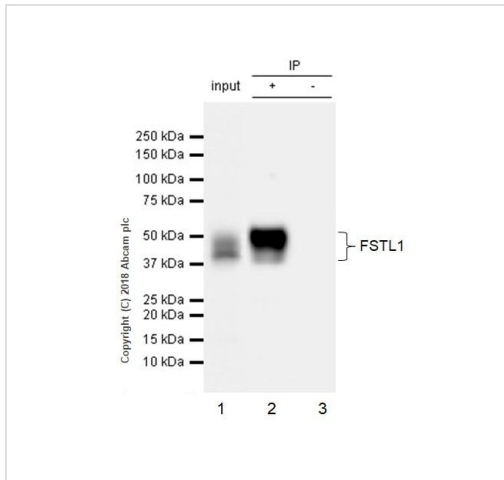
Observed band size: 43-45 kDa

Exposure time: 48 seconds

Blocking/diluting buffer and concentration: 5% NFDm/TBST.

The molecular mass observed is consistent with what has been described in the literature (PMID: 28574994).

Negative control: Rat liver (PMID: 20861081).



Immunoprecipitation - Anti-FSTL1/FRP antibody
[EPR21933-155] (ab223287)

FSTL1/FRP was immunoprecipitated from 0.35 mg rat embryo lysate with ab223287 at 1/30 dilution. Western blot was performed from the immunoprecipitate using ab223287 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used for detection at 1/5000 dilution.

Lane 1: Rat embryo lysate 10 µg (Input).

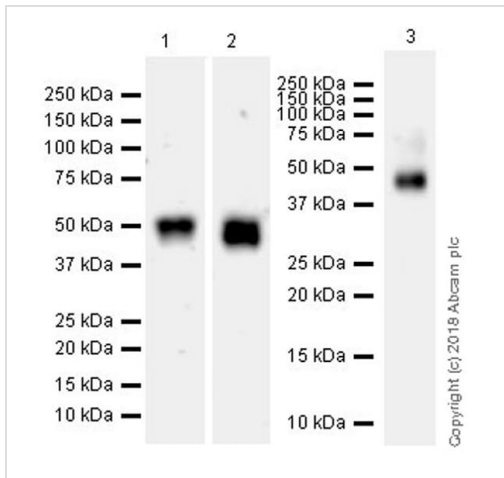
Lane 2: ab223287 IP in rat embryo lysate (+).

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab223287 in rat embryo lysate (-).

Blocking/Dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 1 minute.

The molecular mass observed is consistent with what has been described in the literature (PMID: 28574994).



Western blot - Anti-FSTL1/FRP antibody
[EPR21933-155] (ab223287)

All lanes : Anti-FSTL1/FRP antibody [EPR21933-155] (ab223287) at 1/1000 dilution

Lane 1 : Human serum

Lane 2 : Mouse serum

Lane 3 : Rat serum

Lysates/proteins at 20 µg per lane.

Secondary

Lanes 1-2 : VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) at 1/1000 dilution

Lane 3 : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 35 kDa

Observed band size: 40-50 kDa

Blocking/diluting buffer and concentration: 5% NFDm/TBST.

Exposure times:

Lane 1 and 2: 3 minutes;

Lane 3: 15 seconds.

The molecular mass observed is consistent with what has been described in the literature (PMID: 27234440).

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-FSTL1/FRP antibody [EPR21933-155]
(ab223287)

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

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