


Product datasheet

Anti-TRA2B/SFRS10 antibody [EPR11831] ab171082

Recombinant RabMAb

5 Images

Overview

Product name	Anti-TRA2B/SFRS10 antibody [EPR11831]
Description	Rabbit monoclonal [EPR11831] to TRA2B/SFRS10
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Jurkat, A431 and HeLa whole cell lysate (ab150035); Human heart and pancreas tissues; A431 cells.
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: Glycerol (glycerin, glycerine), BSA
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR11831

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab171082 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 - 1/5000. Predicted molecular weight: 33 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/50 - 1/100.

Application notes Is unsuitable for Flow Cyt or IP.

Target

Function Sequence-specific RNA-binding protein which participates in the control of pre-mRNA splicing.

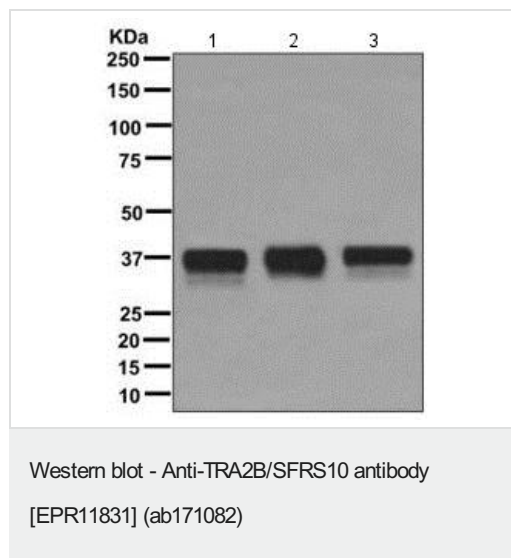
Tissue specificity Highest expression in heart, skeletal muscle and pancreas. Less abundant in kidney, placenta and brain. Lowest expression in kidney and liver.

Sequence similarities Belongs to the splicing factor SR family.
Contains 1 RRM (RNA recognition motif) domain.

Post-translational modifications Phosphorylated in the RS domains.
Dimethylation at Arg-241 is probably asymmetric.

Cellular localization Nucleus.

Images



All lanes : Anti-TRA2B/SFRS10 antibody [EPR11831] (ab171082) at 1/1000 dilution

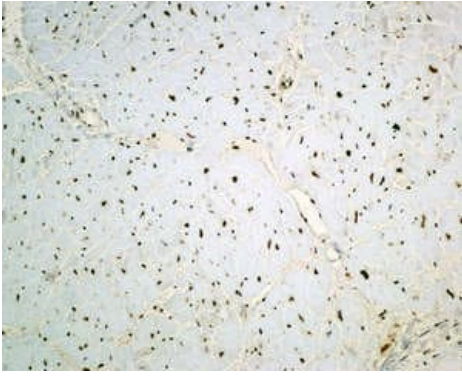
Lane 1 : Jurkat cell lysate

Lane 2 : A431 cell lysate

Lane 3 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

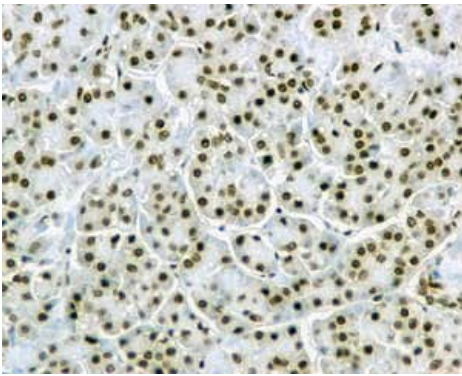
Predicted band size: 33 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRA2B/SFRS10 antibody [EPR11831] (ab171082)

Immunohistochemical analysis of paraffin-embedded Human heart tissue labeling TRA2B/SFRS10 with ab171082 at 1/100 dilution.

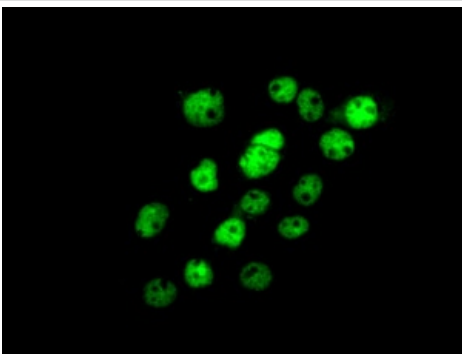
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRA2B/SFRS10 antibody [EPR11831] (ab171082)

Immunohistochemical analysis of paraffin-embedded Human pancreas tissue labeling TRA2B/SFRS10 with ab171082 at 1/100 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-TRA2B/SFRS10 antibody [EPR11831] (ab171082)

Immunofluorescent analysis of A431 cells labeling TRA2B/SFRS10 with ab171082 at 1/50 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-TRA2B/SFRS10 antibody [EPR11831]
(ab171082)

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