

Product datasheet

Anti-TNFSF18/GITRL antibody [EPR20583] ab211037

Recombinant RabMAb

1 Image

Overview

Product name	Anti-TNFSF18/GITRL antibody [EPR20583]
Description	Rabbit monoclonal [EPR20583] to TNFSF18/GITRL
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment within Human TNFSF18/GITRL aa 50 to the C-terminus. The exact sequence is proprietary. Database link: Q9UNG2
Positive control	WB: HUVEC whole cell lysate.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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 .

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, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR20583
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab211037** in the following tested applications.

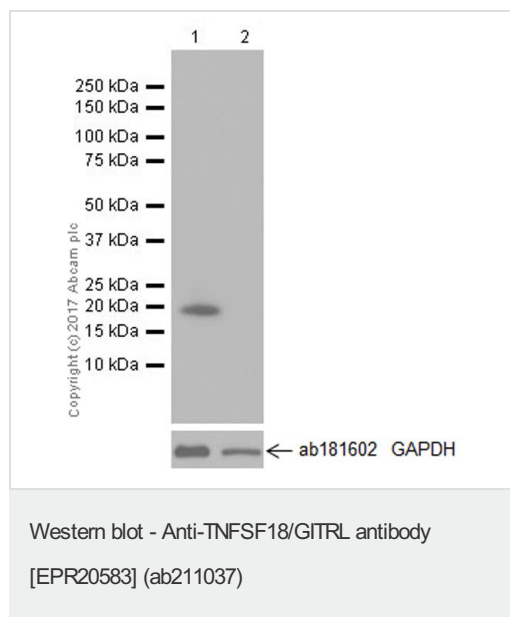
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/5000. Detects a band of approximately 20 kDa (predicted molecular weight: 23 kDa).

Target

Function	Cytokine that binds to TNFRSF18/AITR/GITR. Important for interactions between activated T-lymphocytes and endothelial cells and may modulate T-lymphocyte survival in peripheral tissues.
Tissue specificity	Expressed at high levels in the small intestine, ovary, testis, kidney and endothelial cells.
Sequence similarities	Belongs to the tumor necrosis factor family.
Cellular localization	Membrane.

Images



All lanes : Anti-TNFSF18/GITRL antibody [EPR20583] (ab211037) at 1/5000 dilution

Lane 1 : HUVEC (Human umbilical vein endothelial cell line) whole cell lysate

Lane 2 : THP-1 (Human monocytic leukemia cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 23 kDa

Observed band size: 20 kDa

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

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFD/MBST.

TNFSF18 is constitutively expressed in HUVEC cells but is not expressed in monocytic cell line.

Negative control: THP-1 (PMID: 10037686).

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