

Anti-TWEAKR/FN14 antibody [EPR3179] ab109365

重组 RabMAb

★★★★★ **4 Abreviews** **23 References** **8 图像**

概述

产品名称	Anti-TWEAKR/FN14抗体[EPR3179]
描述	兔单克隆抗体[EPR3179] to TWEAKR/FN14
宿主	Rabbit
特异性	The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
经测试应用	适用于: WB, IP, IHC-P 不适用于: ICC/IF
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HT-29, NIH/3T3, L6, C2C12, HUVEC and HT-1080 cell lysates; Human uterus tissue, human bladder carcinoma and human cardiac muscle.
常规说明	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 .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 59% PBS, 0.05% BSA
纯度	Protein A purified
克隆	单克隆

克隆编号	EPR3179
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab109365于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 14 kDa.
IP		1/40. For unpurified use at 1/10.
IHC-P	★★★★★ (3)	1/50 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See <u>IHC antigen retrieval protocols</u> . The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.

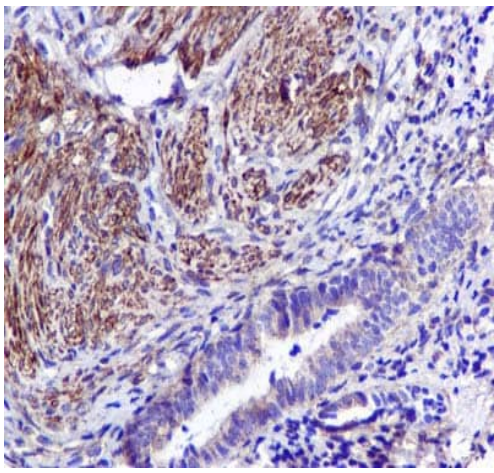
应用说明

Is unsuitable for ICC/IF.

靶标

功能	Receptor for TNFSF12/TWEAK. Weak inducer of apoptosis in some cell types. Promotes angiogenesis and the proliferation of endothelial cells. May modulate cellular adhesion to matrix proteins.
组织特异性	Highly expressed in heart, placenta and kidney. Intermediate expression in lung, skeletal muscle and pancreas.
序列相似性	Contains 1 TNFR-Cys repeat.
细胞定位	Membrane.

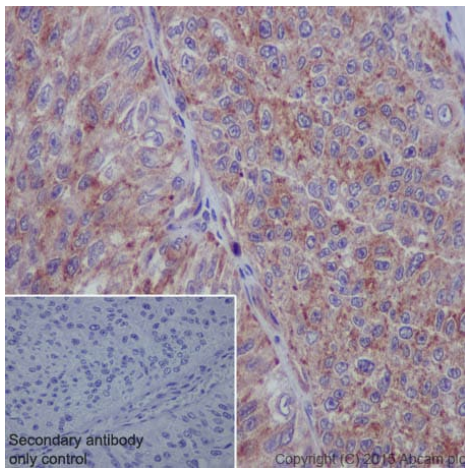
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TWEAKR/FN14 antibody [EPR3179] (ab109365)

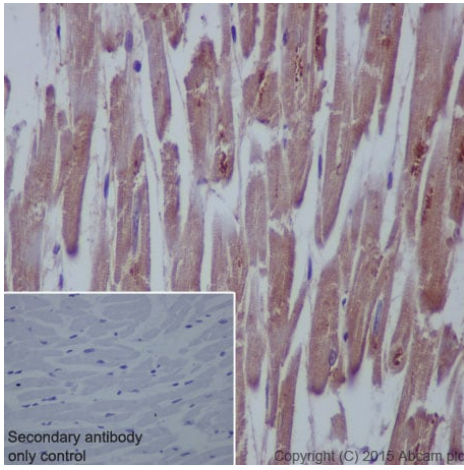
ab109365, at 1/50 dilution, staining TWEAKR/FN14 in Human uterus tissue by Immunohistochemistry.

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



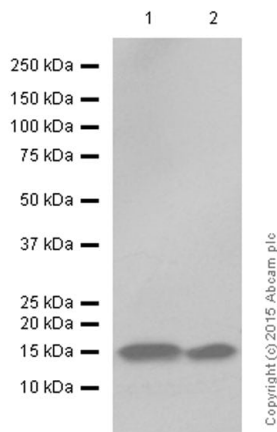
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TWEAKR/FN14 antibody [EPR3179] (ab109365)

Immunohistochemical analysis of paraffin-embedded human bladder carcinoma sections labelling TWEAKR/FN14 with purified ab109365 at dilution of 1/100. The secondary antibody used was **ab97051**; a goat anti-rabbit IgG H&L (HRP) at dilution of 1/500. The sample was counterstained with hematoxylin. Antigen retrieval was performed using EDTA Buffer; pH 9.0. PBS was used instead of the primary antibody as the negative control and is shown in the inset.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TWEAKR/FN14 antibody [EPR3179] (ab109365)

Immunohistochemical analysis of paraffin-embedded human cardiac muscle sections labelling TWEAKR/FN14 with purified ab109365 at dilution of 1/100. The secondary antibody used was **ab97051**; a goat anti-rabbit IgG H&L (HRP) at dilution of 1/500. The sample was counterstained with hematoxylin. Antigen retrieval was performed using EDTA Buffer; pH 9.0. PBS was used instead of the primary antibody as the negative control and is shown in the inset.



Western blot - Anti-TWEAKR/FN14 antibody [EPR3179] (ab109365)

All lanes : Anti-TWEAKR/FN14 antibody [EPR3179] (ab109365) at 1/1000 dilution

Lane 1 : HUVEC (human umbilical vein/vascular endothelium) whole cell lysate

Lane 2 : HT-1080 (human fibrosarcoma) whole cell lysate

Lysates/proteins at 20 µg per lane.

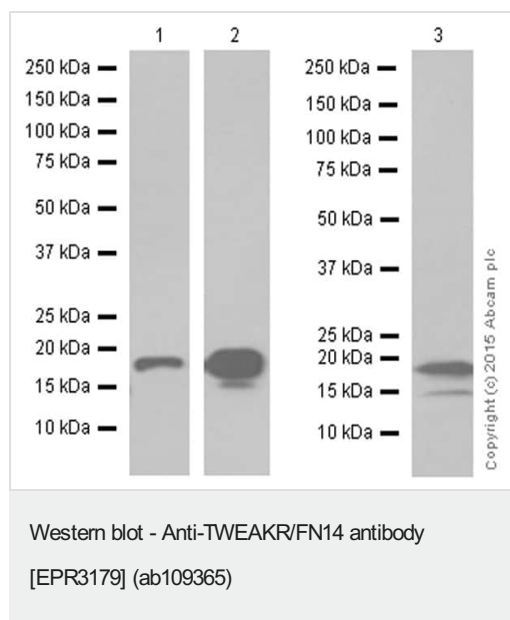
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 14 kDa

Observed band size: 14-17 kDa

Blocking/Diluting buffer 5% NFDM /TBST



All lanes : Anti-TWEAKR/FN14 antibody [EPR3179] (ab109365) at 1/1000 dilution

Lane 1 : NIH/3T3 (mouse embryo) whole cell lysate

Lane 2 : L6 (rat skeletal muscle) whole cell lysate

Lane 3 : C2C12 (mouse muscle) whole cell lysate

Lysates/proteins at 20 µg per lane.

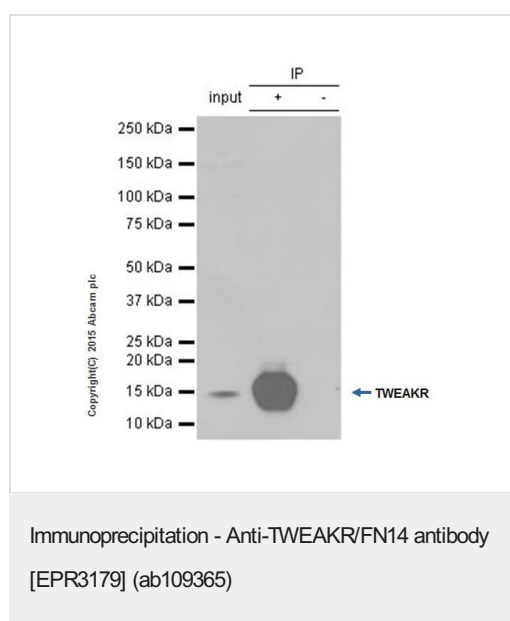
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 14 kDa

Observed band size: 14-17 kDa

Blocking/Diluting buffer 5% NFDM /TBST



ab109365 at 1/40 immunoprecipitating TWEAKR/FN14 in HUVEC (human cervix adenocarcinoma) whole cell lysate observed at 14 – 17 KDa (lanes 1 and 2).

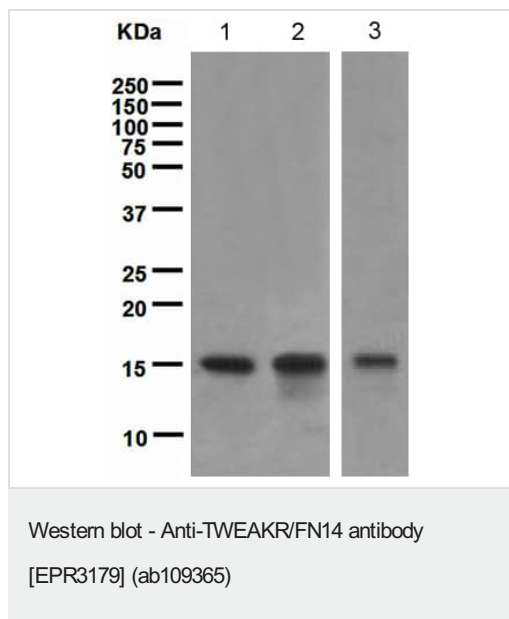
Lane 1 (input): HUVEC whole cell lysate 10ug

Lane 2 (+): ab109365 + HUVEC whole cell lysate.

Lane 3 (-): Rabbit monoclonal IgG ([ab172730](#)) instead of ab109365 in HUVEC whole cell lysate

VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used for detection at 1/10,000 dilution.

Blocking/Diluting buffer and concentration: 5% NFDM/TBST.



All lanes : Anti-TWEAKR/FN14 antibody [EPR3179] (ab109365)
at 1/1000 dilution

Lane 1 : HT-29 cell lysate

Lane 2 : HUVEC cell lysate

Lane 3 : HT-1080 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 14 kDa

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-TWEAKR/FN14 antibody [EPR3179] (ab109365)

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