

Anti-TWEAKR/FN14 antibody [EPR3179] - Low endotoxin, Azide free ab228481

重组 RabMAb

8 图像

概述

产品名称	Anti-TWEAKR/FN14抗体[EPR3179] - Low endotoxin, Azide free
描述	兔单克隆抗体[EPR3179] to TWEAKR/FN14 - Low endotoxin, Azide free
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: IP, IHC-P, WB 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	<p>ab228481 is the carrier-free version of ab109365.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>Our Low endotoxin, azide-free formats have low endotoxin level (≤ 1 EU/ml, determined by the LAL assay) and are free from azide, to achieve consistent experimental results in functional assays.</p>

性能

形式 Liquid

存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.20 Constituent: PBS
无载体	是
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ab228481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。

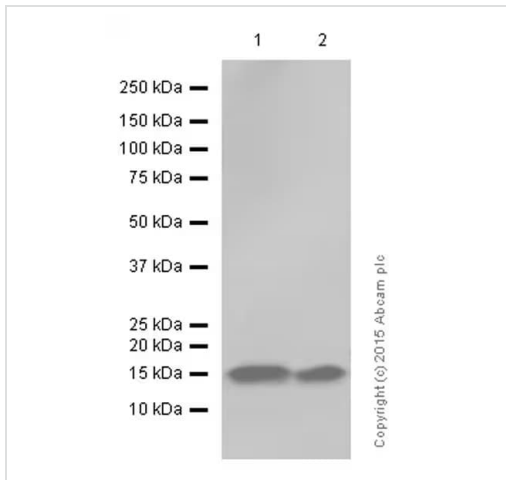
应用	Ab评论	说明
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See IHC antigen retrieval protocols .
WB		Use at an assay dependent concentration.

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



Western blot - Anti-TWEAKR/FN14 antibody [EPR3179] - Low endotoxin, Azide free (ab228481)

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.

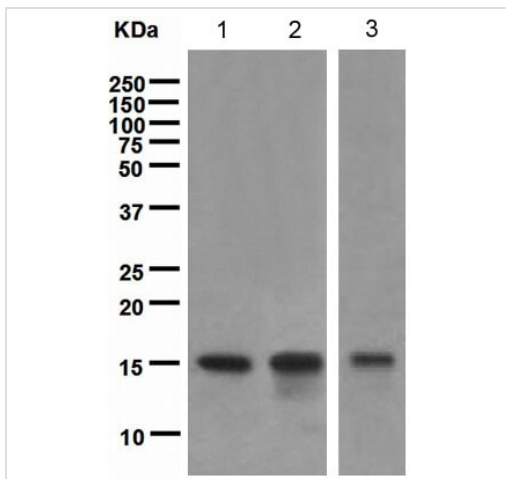
Secondary

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

Observed band size: 14-17 kDa

Blocking/Diluting buffer 5% NFDN /TBST

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109365](#)).



Western blot - Anti-TWEAKR/FN14 antibody [EPR3179] - Low endotoxin, Azide free (ab228481)

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

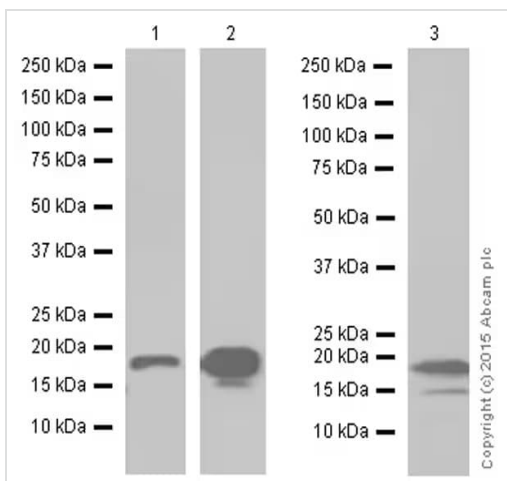
Lane 1 : HT-29 cell lysate

Lane 2 : HUVEC cell lysate

Lane 3 : HT-1080 cell lysate

Lysates/proteins at 10 µg per lane.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109365](#)).



Western blot - Anti-TWEAKR/FN14 antibody
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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

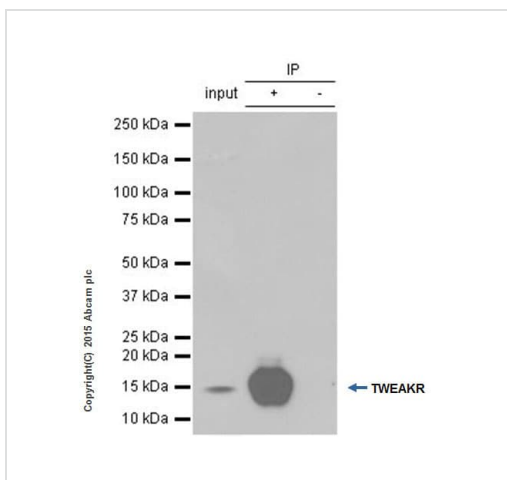
Lysates/proteins at 20 µg per lane.

Secondary

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

Blocking/Diluting buffer 5% NFDM /TBST

This data was developed using the same antibody clone in a
different buffer formulation containing PBS, BSA, glycerol, and
sodium azide ([ab109365](#)).



Immunoprecipitation - Anti-TWEAKR/FN14 antibody
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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

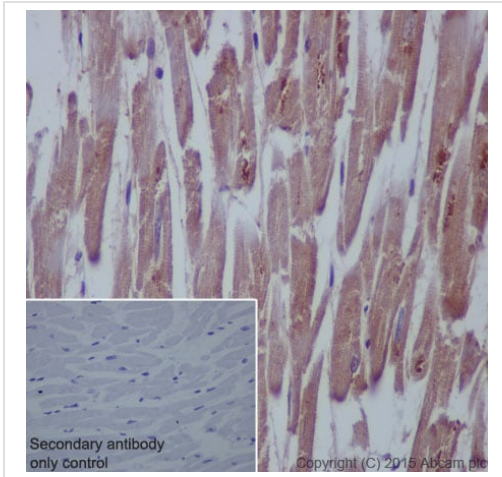
Lane 2 (+): [ab109365](#) + HUVEC whole cell lysate.

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.

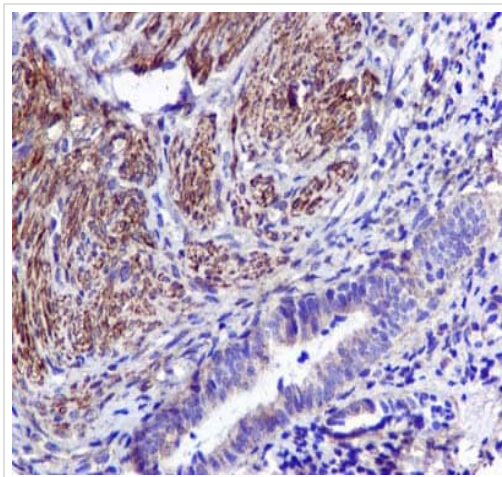
This data was developed using the same antibody clone in a
different buffer formulation containing PBS, BSA, glycerol, and
sodium azide ([ab109365](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TWEAKR/FN14 antibody [EPR3179] - Low endotoxin, Azide free (ab228481)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab109365**).

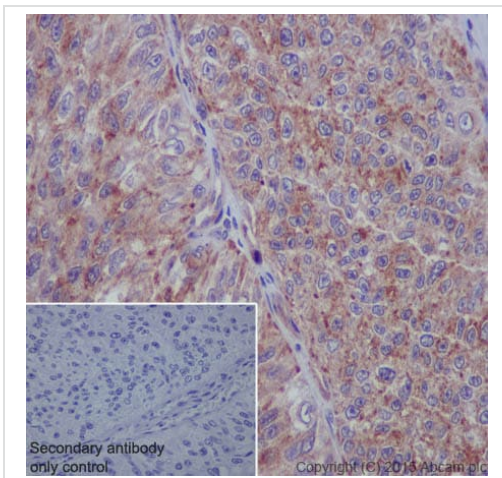


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TWEAKR/FN14 antibody [EPR3179] - Low endotoxin, Azide free (ab228481)

This IHC data was generated using the same anti-TWEAKR/FN14 antibody clone, EPR3179, in a different buffer formulation (cat# **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.







This IHC data was generated using the same anti-TWEAKR/FN14 antibody clone, EPR3179, in a different buffer formulation (cat# **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] - Low endotoxin, Azide free (ab228481)

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

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

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