

### Anti-TWEAKR/FN14 antibody [EPR3179] ab109365

リコンビナント **RabMAb**

★★★★★ **4 Abreviews** **23 References** 画像数 8

#### 製品の概要

製品名	Anti-TWEAKR/FN14 antibody [EPR3179]
製品の詳細	Rabbit monoclonal [EPR3179] to TWEAKR/FN14
由来種	Rabbit
特異性	The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
アプリケーション	<b>適用あり:</b> WB, IP, IHC-P <b>適用なし:</b> ICC/IF
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	HT-29, NIH/3T3, L6, C2C12, HUVEC and HT-1080 cell lysates; Human uterus tissue, human bladder carcinoma and human cardiac muscle.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 59% PBS, 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名	EPR3179
アイソタイプ	IgG

## アプリケーション

**The Abpromise guarantee**      Abpromise保証は、次のテスト済みアプリケーションにおけるab109365の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

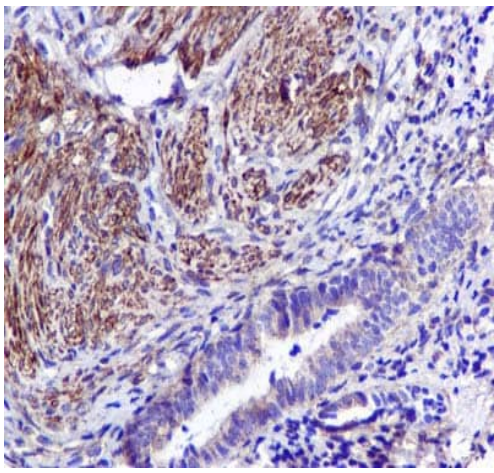
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 14 kDa.
IP		1/40. <b>For unpurified use at 1/10.</b>
IHC-P	★★★★★ (3)	<p>1/50 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See <b><u>IHC antigen retrieval protocols</u></b>.</p> <p>The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.</p>

追加情報 Is unsuitable for ICC/IF.

## ターゲット情報

<b>機能</b>	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.
<b>組織特異性</b>	Highly expressed in heart, placenta and kidney. Intermediate expression in lung, skeletal muscle and pancreas.
<b>配列類似性</b>	Contains 1 TNFR-Cys repeat.
<b>細胞内局在</b>	Membrane.

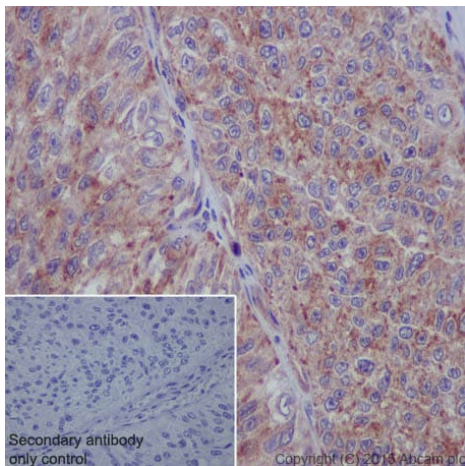
## 画像



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

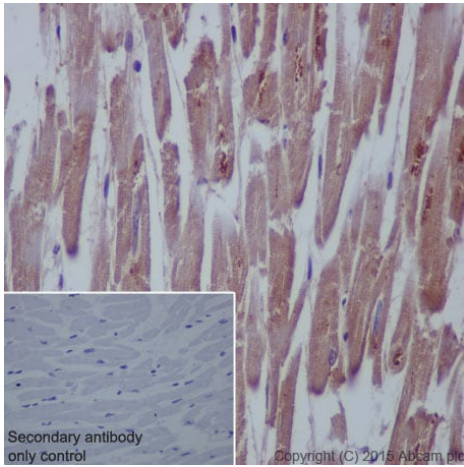
ab109365, at 1/50 dilution, staining TWEAKR/FN14 in Human uterus tissue by Immunohistochemistry.

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



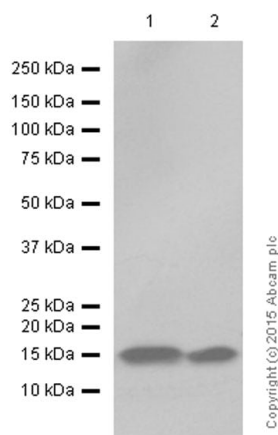
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TWEAKR/FN14 antibody [EPR3179] (ab109365)

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.

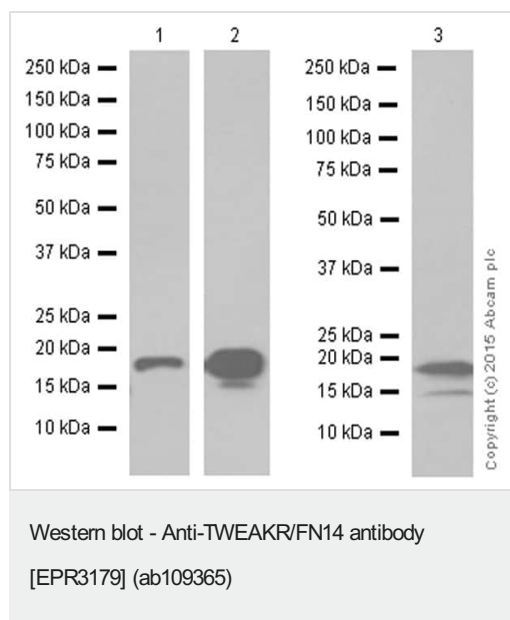
#### Secondary

**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.

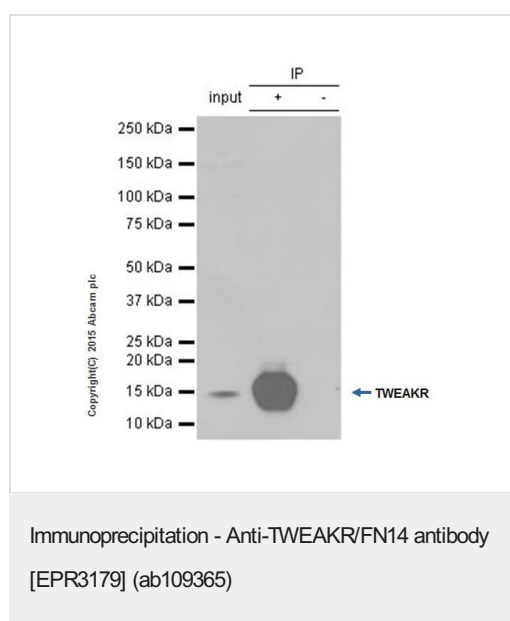
### Secondary

**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).

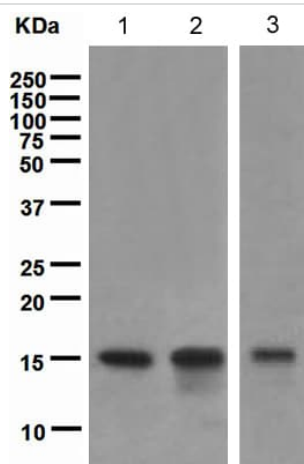
**Lane 1 (input):** HUVEC whole cell lysate 10ug

**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.



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

**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

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recombinant antibody?



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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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