

# Anti-Angiopoietin 2/ANG2 antibody [EPR2891(2)] ab155106

**重组 RabMAb**

★★★★☆ **2 Abreviews** **32 References** **4 图像**

### 概述

<b>产品名称</b>	Anti-Angiopoietin 2/ANG2抗体[EPR2891(2)]
<b>描述</b>	兔单克隆抗体[EPR2891(2)] to Angiopoietin 2/ANG2
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> WB <b>不适用于:</b> Flow Cyt or ICC/IF
<b>种属反应性</b>	<b>与反应:</b> Mouse, Rat, Human
<b>免疫原</b>	Synthetic peptide within Human Angiopoietin 2/ANG2. The exact sequence is proprietary. Database link: <a href="#">O15123</a>
<b>阳性对照</b>	WB: Mouse small intestine tissue lysate - total protein ( <a href="#">ab7939</a> ), TF1, HUVEC and ECV-304 cell lysates. Mouse spleen and rat kidney tissue lysates.
<b>常规说明</b>	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> .

### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
<b>纯度</b>	Protein A purified
<b>克隆</b>	单克隆
<b>克隆编号</b>	EPR2891(2)

同种型

IgG

## 应用

### The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab155106 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)	1/1000 - 1/10000. Predicted molecular weight: 57 kDa.

### 应用说明

Is unsuitable for Flow Cyt or ICC/IF.

## 靶标

### 功能

Can induce tyrosine phosphorylation of TIE2. Binds to TIE2 receptor and counteracts blood vessel maturation/stability mediated by angiopoietin-1. Its function may be context-dependent. In the absence of angiogenic inducers, such as VEGF, ANG2-mediated loosening of cell-matrix contacts may induce endothelial cell apoptosis with consequent vascular regression. In concert with VEGF, it may facilitate endothelial cell migration and proliferation, thus serving as a permissive angiogenic signal.

### 序列相似性

Contains 1 fibrinogen C-terminal domain.

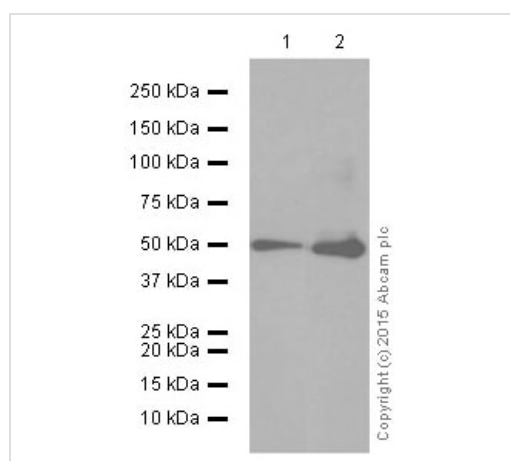
### 结构域

The Fibrinogen C-terminal domain mediates interaction with the TEK/TIE2 receptor.

### 细胞定位

Secreted.

## 图片



Western blot - Anti-Angiopoietin 2/ANG2 antibody [EPR2891(2)] (ab155106)

**All lanes :** Anti-Angiopoietin 2/ANG2 antibody [EPR2891(2)] (ab155106) at 1/5000 dilution (purified)

**Lane 1 :** Mouse spleen tissue lysate

**Lane 2 :** Rat kidney tissue lysate

Lysates/proteins at 20 µg per lane.

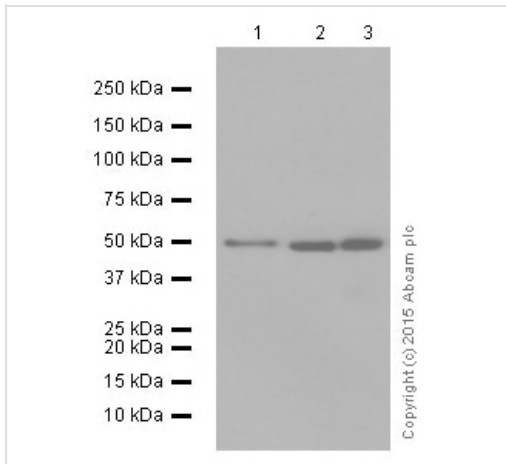
### Secondary

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

**Predicted band size:** 57 kDa

**Observed band size:** 55 kDa

Blocking and dilution buffer: 5% NFDM /TBST.



Western blot - Anti-Angiopoietin 2/ANG2 antibody [EPR2891(2)] (ab155106)

**All lanes :** Anti-Angiopoietin 2/ANG2 antibody [EPR2891(2)] (ab155106) at 1/5000 dilution (purified)

**Lane 1 :** TF-1 whole cell lysate

**Lane 2 :** HUVEC whole cell lysate

**Lane 3 :** ECV-304 whole cell lysate

Lysates/proteins at 20 µg per lane.

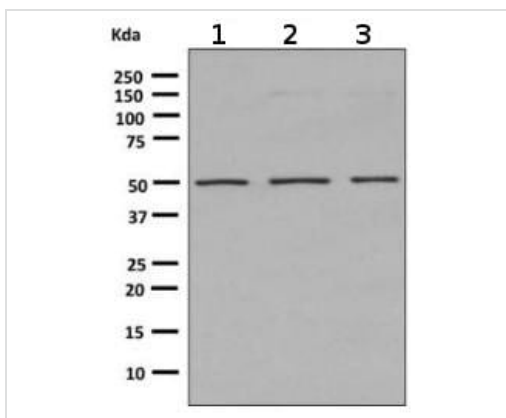
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Blocking and dilution buffer: 5% NFDM /TBST.



Western blot - Anti-Angiopoietin 2/ANG2 antibody [EPR2891(2)] (ab155106)

**All lanes :** Anti-Angiopoietin 2/ANG2 antibody [EPR2891(2)] (ab155106) at 1/1000 dilution (unpurified)

**Lane 1 :** TF1 cell lysate

**Lane 2 :** HUVEC cell lysate

**Lane 3 :** ECV-304 cell lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** HRP-conjugated goat anti-rabbit IgG at 1/2000 dilution

**Predicted band size:** 57 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-Angiopoietin 2/ANG2 antibody [EPR2891(2)]  
(ab155106)

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

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