

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

リコンビナント **RabMAb**

★★★★★ **2 Abreviews** **32 References** 画像数 4

製品の概要

製品名	Anti-Angiopoietin 2/ANG2 antibody [EPR2891(2)]
製品の詳細	Rabbit monoclonal [EPR2891(2)] to Angiopoietin 2/ANG2
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt or ICC/IF
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Angiopoietin 2/ANG2. The exact sequence is proprietary. Database link: <u>O15123</u>
ポジティブ・コントロール	WB: Mouse small intestine tissue lysate - total protein (<u>ab7939</u>), TF1, HUVEC and ECV-304 cell lysates. Mouse spleen and rat kidney tissue lysates.
特記事項	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 <u>see here</u> . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <u>RabMAb[®] patents</u> .

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.
バッファー	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR2891(2)

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ab155106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検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 57 kDa.

追加情報

Is unsuitable for Flow Cyt or ICC/IF.

ターゲット情報

機能

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.

配列類似性

Contains 1 fibrinogen C-terminal domain.

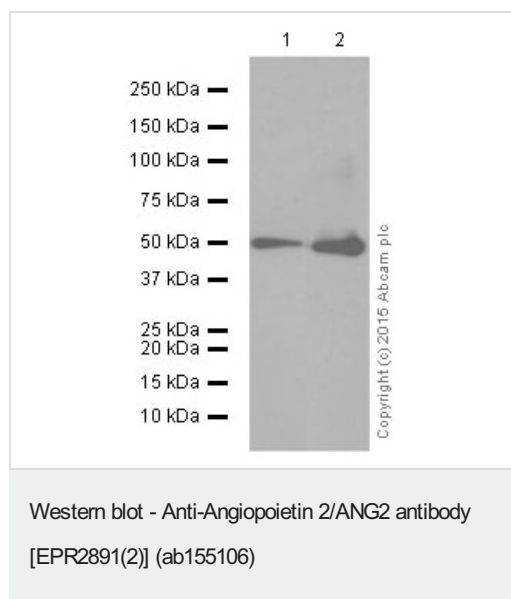
ドメイン

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

細胞内局在

Secreted.

画像



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.

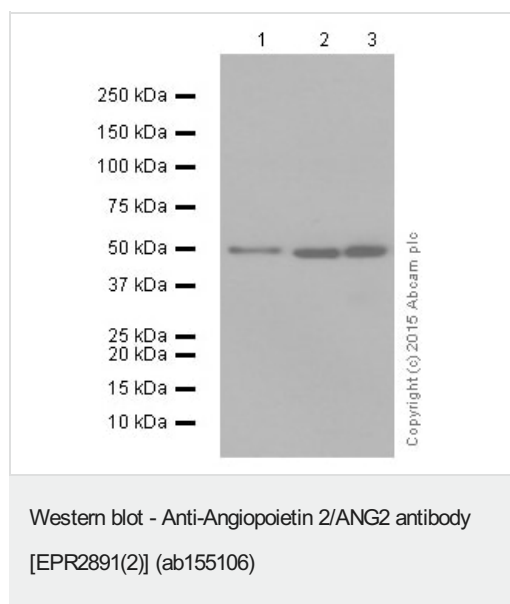
Secondary

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.



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.

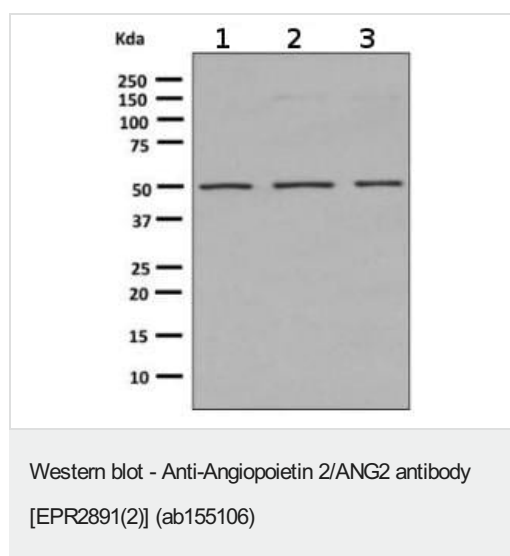
Secondary

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.



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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