

Anti-Tissue Factor antibody [EPR22548-240] ab252918

敲除验证
重组
RabMAb

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概述

产品名称	Anti-Tissue Factor抗体[EPR22548-240]
描述	兔单克隆抗体[EPR22548-240] to组织Factor
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, mIHC 不适用于: Flow Cyt, ICC/IF or IP
种属反应性	与反应: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HAP1, A431, MDA-MB-231 and BxPC-3 whole cell lysates; human brain cell, heart cell and fetal kidney cell lysates. IHC-P: Human kidney and cervix carcinoma tissue. mIHC-P: Human kidney tissue.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR22548-240

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab252918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. Detects a band of approximately 47 kDa (predicted molecular weight: 33 kDa).
IHC-P		1/2000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
mlHC		1/2000.

应用说明

Is unsuitable for Flow Cyt,ICC/IF or IP.

靶标

功能

Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited protolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade.

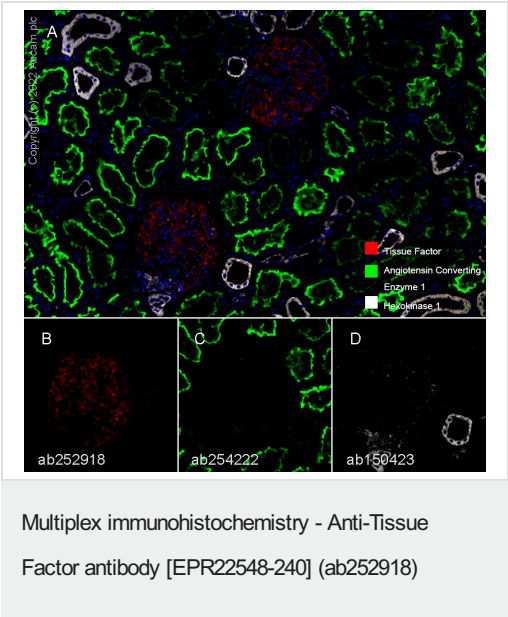
序列相似性

Belongs to the tissue factor family.

细胞定位

Membrane.

图片



Fluorescence multiplex immunohistochemical analysis of paraffin-embedded Human kidney tissue.

Panel A: Merged staining of anti-Hexokinase 1 (gray; Opal™690), anti-Angiotensin Converting Enzyme 1 (green; Opal™520) and anti-Tissue Factor (red; Opal™570) on human kidney.

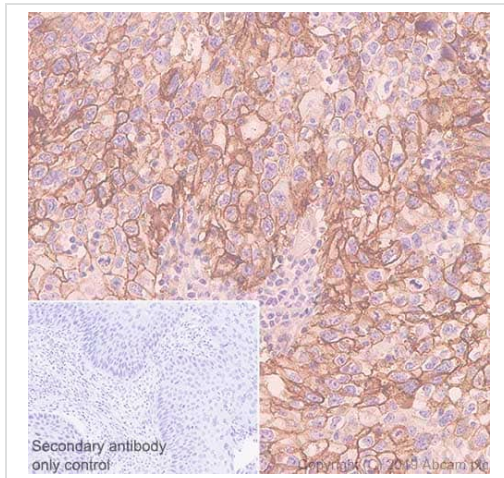
Panel B: Anti-Tissue Factor stained on renal glomeruli.

Panel C: Anti-Angiotensin Converting Enzyme 1 stained on proximal tubules.

Panel D: Anti-Hexokinase 1 stained on distal tubules.

The section was incubated in three rounds of staining: in the order of **ab150423**, **ab254222**, and ab252918 for 30 mins at room temperature. Each round was followed by a separate fluorescent tyramide signal amplification system. The immunostaining was performed on a Leica Biosystems BOND® RX instrument with an

Opal™ 4-color kit. Image acquisition was performed with Leica SP8 confocal microscope. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins. Counterstained with DAPI.



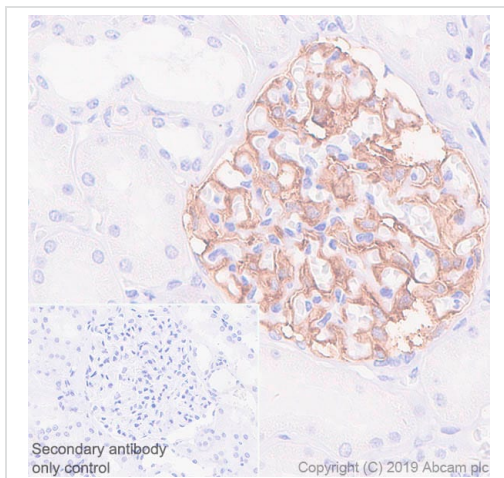
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tissue Factor antibody [EPR22548-240] (ab252918)

Immunohistochemical analysis of paraffin-embedded human cervix carcinoma tissue labeling Tissue Factor with ab252918 at 1/2000 dilution, followed by Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Membranous and weak cytoplasmic staining on tumor cells of human cervix carcinoma (PMID: 26383146) is observed. Counter stained with hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 minutes.

The section was incubated with ab252918 for 30 minutes at RT.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



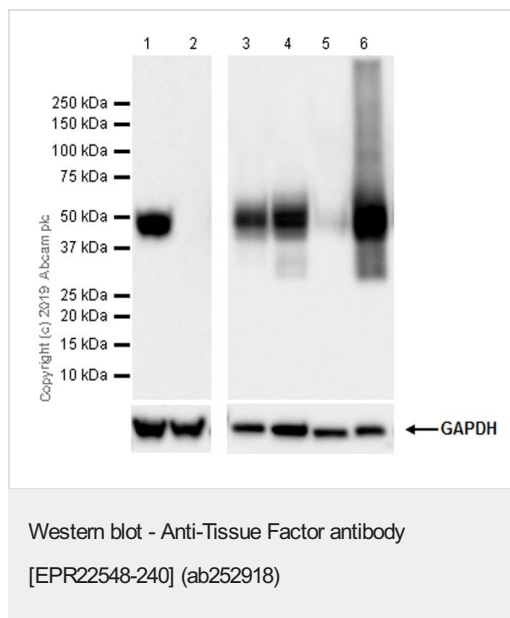
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tissue Factor antibody [EPR22548-240] (ab252918)

Immunohistochemical analysis of paraffin-embedded human kidney tissue labeling Tissue Factor with ab252918 at 1/2000 dilution, followed by Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining in human renal glomerulus (PMID: 7684196) is observed. Counter stained with hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 minutes.

The section was incubated with ab252918 for 30 minutes at RT.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



All lanes : Anti-Tissue Factor antibody [EPR22548-240]
(ab252918) at 1/1000 dilution

Lane 1 : Wild-type HAP1 whole cell lysate at 60 µg

Lane 2 : Tissue Factor knockout HAP1 whole cell lysate at 60 µg

Lane 3 : A431 (human epidermoid carcinoma cell line) whole cell
lysate at 20 µg

Lane 4 : MDA-MB-231 (human breast adenocarcinoma cell line)
whole cell lysate at 20 µg

Lane 5 : MCF7 (human breast adenocarcinoma cell line) whole cell
lysate at 20 µg

Lane 6 : BxPC-3 (human pancreas adenocarcinoma epithelial cell
line) whole cell lysate at 20 µg

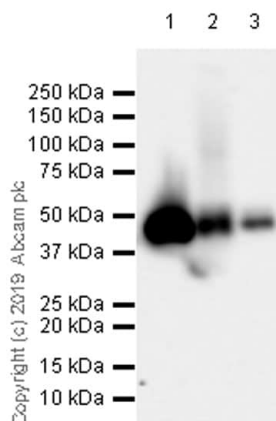
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at
1/100000 dilution

Predicted band size: 33 kDa

Observed band size: 47 kDa

Blocking and dilution buffer: 5% NFDM/TBST.



Western blot - Anti-Tissue Factor antibody
[EPR22548-240] (ab252918)

All lanes : Anti-Tissue Factor antibody [EPR22548-240]
(ab252918) at 1/1000 dilution

Lane 1 : Human brain cell lysate

Lane 2 : Human heart cell lysate

Lane 3 : Human fetal kidney cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) at
1/1000 dilution

Predicted band size: 33 kDa

Observed band size: 47 kDa

Exposure time: 8 seconds

Blocking and dilution buffer: 5% NFDM/TBST.

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-Tissue Factor antibody [EPR22548-240]
(ab252918)

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