

Anti-TFPI2 antibody [EPR14442] - BSA and Azide free ab246362

Recombinant RabMAb

3 Images

Overview

Product name	Anti-TFPI2 antibody [EPR14442] - BSA and Azide free
Description	Rabbit monoclonal [EPR14442] to TFPI2 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	IHC-P: Human kidney tissue sections. WB: Jurkat, MCF7, rat spleen, HeLa, mouse heart, mouse brain, mouse kidney and mouse spleen lysates. IP: TFPI2 IP in HeLa cell lysate.
General notes	<p>ab246362 is the carrier-free version of ab186747.</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>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR14442
Isotype	IgG

Applications

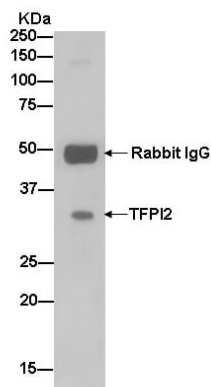
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab246362 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 32 kDa (predicted molecular weight: 27 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		Use at an assay dependent concentration.

Target

Function	May play a role in the regulation of plasmin-mediated matrix remodeling. Inhibits trypsin, plasmin, factor VIIa/tissue factor and weakly factor Xa. Has no effect on thrombin.
Tissue specificity	Umbilical vein endothelial cells, liver, placenta, heart, pancreas, and maternal serum at advanced pregnancy.
Sequence similarities	Contains 3 BPTI/Kunitz inhibitor domains.
Domain	This inhibitor contains three inhibitory domains.
Cellular localization	Secreted.

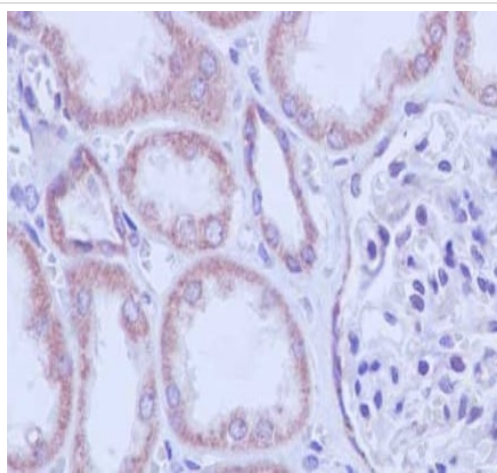
Images



Immunoprecipitation - Anti-TFPI2 antibody
[EPR14442] - BSA and Azide free (ab246362)

Lysate from HeLa (Human epithelial cell line from cervix adenocarcinoma) cells was immunoprecipitated with **ab186747** at a 1/50 dilution. For the subsequent blot, **ab186747** was used at a 1/1000 dilution, with a 1/1000 dilution of Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated as the secondary antibody. Blocking/ Dilution 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 (**ab186747**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TFPI2 antibody
[EPR14442] - BSA and Azide free (ab246362)

Immunohistochemical analysis of paraffin embedded human kidney tissue sections labeling TFPI2 using **ab186747** at a 1/250 dilution. A prediluted HRP polymer for Rabbit IgG was used as the secondary. Hematoxylin counterstain.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol and sodium azide (**ab186747**).

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

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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