

## Product datasheet

# Anti-Tissue Factor antibody [C5] ab239521

2 Images

### Overview

<b>Product name</b>	Anti-Tissue Factor antibody [C5]
<b>Description</b>	Mouse monoclonal [C5] to Tissue Factor
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rabbit
<b>Immunogen</b>	<p>Recombinant full length protein (His-tag) corresponding to Rabbit Tissue Factor aa 33-292. N-terminal His and S tag (Expressed in E.coli).</p> <p>Sequence:</p> <p>ADTTGRAYNLTKSTNFKTILEWEPKSIDHVYTVQISTRLEN            WKSKCFLT            AETECDLTDEVVKDVGQTYMARVLSYPARNGNTTGFPEE            PFRNSPEFTP            YLDTNLGQPTIQSFEQVGTKLNVTVQDARTLVRRNGTFLSL            RAVFGKDLN            YTLYWWRASSTGKKATTNTNEFLIDVDKGENYCFSVQAVI            PSRKRKQRS            PSLTECTSREQGRAREMFFIIGAVVVVALLIMLSVTYKC            RKARAGPS GKESPLNIA</p>

Database link: [P24055](#)

[Run BLAST with](#)

[Run BLAST with](#)

**Positive control** WB: Recombinant rabbit Tissue Factor protein; Rabbit brain lysate.

**General notes**

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work

with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
<b>Purity</b>	Protein A/G purified
<b>Purification notes</b>	Purified from TCS.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	C5
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab239521** 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 a concentration of 0.5 - 5 µg/ml. Predicted molecular weight: 33 kDa.

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## Target

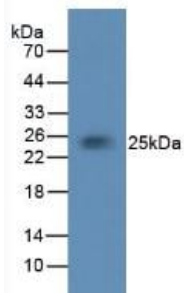
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<b>Function</b>	Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade.
<b>Sequence similarities</b>	Belongs to the tissue factor family.
<b>Cellular localization</b>	Membrane.

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## Images

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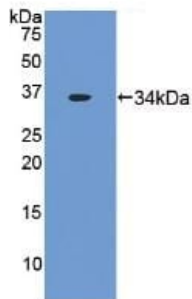
Western blot - Anti-Tissue Factor antibody [C5]  
(ab239521)

Anti-Tissue Factor antibody [C5] (ab239521) at 2 µg/ml + Rabbit  
brain lysate

**Secondary**

HRP-Linked Rabbit Anti-Mouse IgG at 1/5000 dilution

**Predicted band size:** 33 kDa



Western blot - Anti-Tissue Factor antibody [C5]  
(ab239521)

Anti-Tissue Factor antibody [C5] (ab239521) at 2 µg/ml +  
Recombinant rabbit Tissue Factor protein

**Secondary**

HRP-Linked Rabbit Anti-Mouse IgG at 1/5000 dilution

**Predicted band size:** 33 kDa

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

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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