

Product datasheet

Anti-Tissue Factor antibody [EPR18160-175] **ab189483**

Recombinant **RabMAb**

[2 Images](#)

Overview

Product name	Anti-Tissue Factor antibody [EPR18160-175]
Description	Rabbit monoclonal [EPR18160-175] to Tissue Factor
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant fragment within Mouse Tissue Factor aa 1 to the C-terminus. The exact sequence is proprietary. Database link: P20352
Positive control	WB: Mouse skin and brain tissue lysate; NIH/3T3 whole cell lysate. IP: Mouse brain tissue lysate.
General notes	Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . This product is a recombinant rabbit monoclonal antibody .

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR18160-175
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab189483** in the following tested applications.

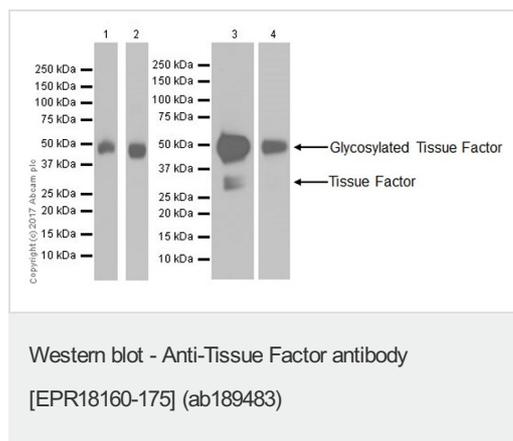
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		1/30.
WB		1/1000. Detects a band of approximately 33, 47 kDa (predicted molecular weight: 33 kDa).

Target

Function	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.
Sequence similarities	Belongs to the tissue factor family.
Cellular localization	Membrane.

Images



All lanes : Anti-Tissue Factor antibody [EPR18160-175] (ab189483) at 1/1000 dilution

Lane 1 : Mouse skin tissue lysate

Lane 2 : Mouse brain tissue lysate

Lanes 3-4 : NIH/3T3 (mouse embryo fibroblast cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

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

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 33 kDa

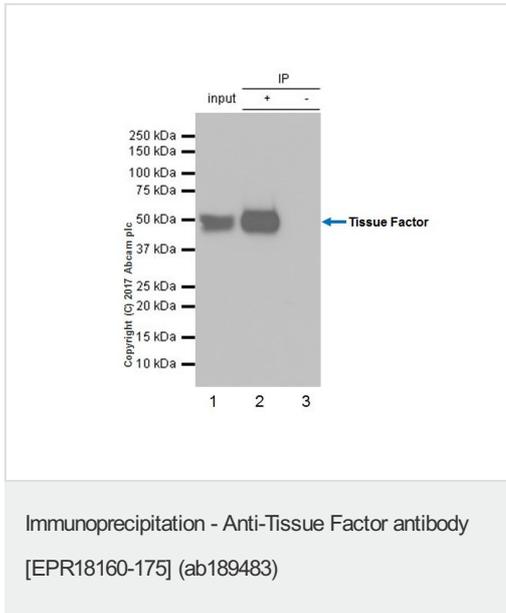
Observed band size: 33, 47 kDa

[why is the actual band size different from the predicted?](#)

Blocking/Dilution: 5% NFD/MTBST.

Exposure: Lanes 1 and 3: 3 minutes; Lanes 2 and 4: 10 seconds.

The observed molecular mass is consistent with the literature (PMID: 7992837).



Tissue Factor was immunoprecipitated from 0.35 mg of mouse brain lysate with ab189483 at 1/30 dilution. Western blot was performed from the immunoprecipitate using ab189483 at 1/500 dilution. VeriBlot for IP Detection Reagent (HRP) (ab131366), was used for detection at 1/1000 dilution.

Lane 1: Mouse brain lysate 10 µg (Input).

Lane 2: ab189483 IP in mouse brain lysate.

Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab1189483 in mouse brain lysate.

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 5 seconds.

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

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