abcam

ab324795

Anti-Tissue Factor antibody [EPR28400-50] - BSA and Azide free

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Carrier free	Yes
Clone number	EPR28400-50
Purification technique	Affinity purification Protein A
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Dot

Tested

Species	Recombinant fragment - Mouse
Dilution info	-

Notes	-

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

Not recommended

Species	Rat
Dilution info	-
Notes	-

Flow Cyt

Tested

Species	Mouse
Dilution info	-
Notes	-

Not recommended

Species	Rat, Recombinant fragment - Mouse
Dilution info	-
Notes	-

IHC-P

Not recommended

Species	Mouse, Rat, Recombinant fragment - Mouse
Dilution info	-
Notes	-

WB

Not recommended

Species	Rat, Mouse, Recombinant fragment - Mouse
Dilution info	-
Notes	-

Target data

See full target information F3

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.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C

Notes

ab324795 is the carrier-free version of ab322266.

Patented technology

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

What are the advantages of a recombinant monoclonal antibody?

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Conjugation ready

Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. 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.

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.

Compatibility
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.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

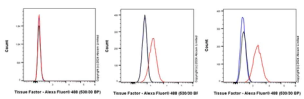
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

3 product images



Flow Cytometry - Anti-Tissue Factor antibody [EPR28400-50] - BSA and Azide free (ab324795)

Tissue Factor Flow Cytometry staining using rabbit Anti-Tissue Factor antibody

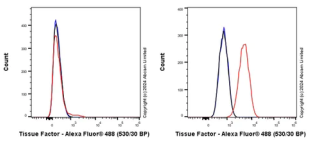
This data was developed using ab322266, the same antibody clone in a different buffer formulation.

Flow cytometric analysis of NIH/3T3 (mouse embryonic fibroblast) (Right) / CT26.WT (mouse colon fibroblast) (Middle) / A20 (mouse reticulum sarcoma B lymphocyte) (Left) cells labelling Tissue

Factor with ab322266 at 1/50 dilution (1ug) (Red) compared with a Rabbit monoclonal IgG (ab172730) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

Goat Anti-Rabbit IgG (Alexa Fluor® 488 ab150081) at 1/5000 dilution was used as the secondary antibody.

Gated on viable cells.
Low expression: A20.



Flow Cytometry - Anti-Tissue Factor antibody [EPR28400-50] - BSA and Azide free (ab324795)

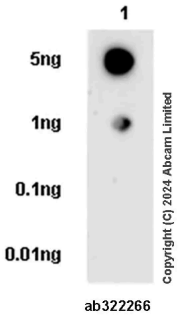
Tissue Factor Flow Cytometry staining using rabbit Anti-Tissue Factor antibody

This data was developed using ab322266, the same antibody clone in a different buffer formulation.

Flow cytometric analysis of B16-F10 (mouse skin melanoma cell) (Right) / EL4 (mouse lymphoma T lymphocyte) (Left) cells labelling Tissue Factor with ab322266 at 1/50 dilution (1ug) (Red) compared with a Rabbit monoclonal IgG (ab172730) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

Goat Anti-Rabbit IgG (Alexa Fluor® 488 ab150081) at 1/5000 dilution was used as the secondary antibody.

Gated on viable cells.
Low expression: EL4.



Dot Blot - Anti-Tissue Factor antibody [EPR28400-50] - BSA and Azide free (ab324795)

Tissue Factor Dot Blot staining of No tagged mouse Tissue Factor fragment using rabbit Anti-Tissue Factor antibody

This data was developed using ab322266, the same antibody clone in a different buffer formulation.

Dot blot analysis of Tissue Factor using ab322266 at 1:1000 (0.5 ug/ml) followed by a Goat Anti-Rabbit IgG (H+L) Peroxidase conjugated (ab97051) at 1:100000 dilution.

Lane1: No tagged mouse Tissue Factor fragment

Exposure time: 180 seconds.

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

All lanes:
Dot Blot - Anti-Tissue Factor antibody [EPR28400-50] (ab322266) at 1/1000 dilution

All lanes:
No tagged mouse Tissue Factor fragment

Secondary

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

Exposure time: 180s

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.