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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-Tissue factor [hTFFab148H] Ab03460-10.0-BT

This reformatted human antibody was made using the variable domain sequences of the original Human Fab format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Human IgG1, Kappa

Clone Number: hTFFab148H

Alternative Name(s) of Target: CD142; TF; hTF; F3; Coagulation factor III; Thromboplastin; platelet tissue factor; factor III

UniProt Accession Number of Target Protein: P13726

Published Application(s): neutralize, WB, ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was isolated from a human Fab antibody library generated from peripheral blood collected from 300 healthy individuals.

Specificity: This antibody binds human tissue factor (TF) a hemostatic protein which is involved in the extrinsic pathway of coagulation. TF is receptor for circulating serine protease factor VIIa, activating the catalytic VIIa protease domain. The complex formed functions to activate the zymogen factor X into activated factor Xa, which then catalyzes the formation of Prothrombin to Thrombin. The pathways results in a fibrin clot which acts to stop bleeding. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade.

Application Notes: The binding characterization of this Fab antibody was done using ELISA and dot blot. This antibody shows positive plasma coagulation inhibitory activity. This antibody is capable of neutralizing human tissue factor in vitro by inhibiting the binding of TF factor/VIIa complex to factor X. The inhibition rate increase with the concentration. The pharmacodynamic and pharmacokinetic activity of this antibody was studied in vivo in rat models (CN101423552).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without

added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.