



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Anti-Tissue factor [1157] Ab03463-1.1-BT

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG1 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** 1157

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

**UniProt Accession Number of Target Protein:** P20352

**Published Application(s):** ELISA, FC

**Published Species Reactivity:** Mouse

**Immunogen:** The original antibody was generated by immunizing 6-week-old Wistar female rats intraperitoneally with recombinant mouse tissue factor protein comprising amino acid sequence between 30 to 251 in Freund's complete adjuvant.

**Specificity:** This antibody binds mouse tissue factor (mTF) between amino acids 30 to 251. mTF 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 initial binding characterization of the hybridoma supernatant for mouse tissue factor was done using ELISA. The binding was further confirmed with flow cytometry by measuring the reactivity of the hybridoma culture supernatant to mTF-expressing cells. This antibody was capable of being internalized by TF-forced-expression mouse B16 melanoma cells expressing mTF (US9920133).

**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.