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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Tissue factor [1157] Standard Size Ab03463-23.0

This chimeric rabbit 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: Rabbit IgG, 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: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.