

Anti-TFPI2 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: A03697-1-Fluoro550

About TFPI2

Tissue factor pathway inhibitor 2, also known as TFPI2, is a human gene which is located at 7q22. It is an important regulator of the extrinsic pathway of blood coagulation through its ability to inhibit factor Xa and factor VIIa-tissue factor activity. After a 22-residue signal peptide, the mature TFPI2 protein contains 213 amino acids with 18 cysteines and 2 canonical N-linked glycosylation sites. The purified recombinant TFPI2 strongly inhibited the amidolytic activities of trypsin and the factor VIIa-tissue factor complex. The latter inhibition was markedly enhanced in the presence of heparin. Mouse TFPI2 mRNA is highly expressed in developing mouse placenta, as in human. And there are also high transcript levels in adult mouse liver and kidney.

Overview

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| Product Name | Anti-TFPI2 Antibody Picoband® Fluoro550 Conjugated |
| Reactive Species | Human, Mouse |
| Application | Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IHC, IHC-F, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P48307 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the N-terminus of human TFPI2. |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm |

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-TFPI2 Antibody - Fluoro550

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