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Datasheet for ABIN7427366

anti-Tissue factor antibody (AA 30-252)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | Tissue factor (F3) |
| Binding Specificity: | AA 30-252 |
| Reactivity: | Rat |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Tissue factor antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|---------------|---|
| Purpose: | Monoclonal Antibody to Tissue Factor (TF) |
| Immunogen: | Recombinant Tissue Factor (TF) corresponding to Gly30~Glu252 with N-terminal His Tag |
| Clone: | 4# |
| Isotype: | IgG1 kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against TF. It has been selected for its ability to recognize TF in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

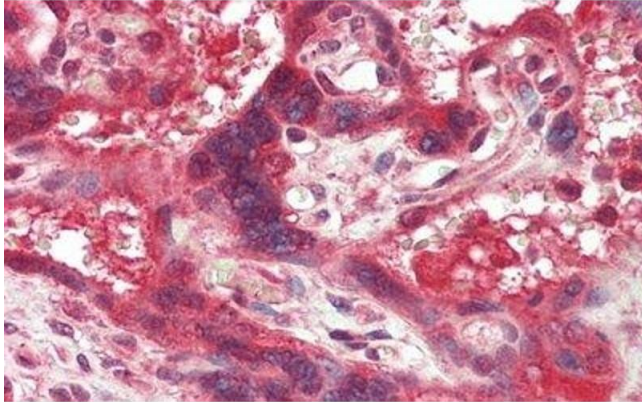
| | |
|-------------------|--|
| Target: | Tissue factor (F3) |
| Alternative Name: | Tissue Factor (F3 Products) |
| Background: | CD142, FIII, F3, TFA, Thromboplastin, Coagulation Factor III |
| Pathways: | Positive Regulation of Endopeptidase Activity , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

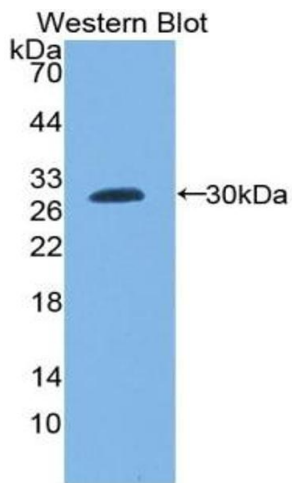
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Immunohistochemistry

Image 1. Detection of TF in Human Placenta Tissue using Monoclonal Antibody to Tissue Factor (TF)



Western Blotting

Image 2. Detection of Recombinant TF, Rat using Monoclonal Antibody to Tissue Factor (TF)