

A Reliable Research Partner in Life Science and Medicine

Recombinant Tissue Plasminogen Activator Monoclonal Antibody

catalog number: AN302005L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;Rat;

Immunogen Peptide. This information is proprietary to PTMab.

 Host
 Rabbit

 Isotype
 IgG, κ

 Clone
 A725

Purification Protein Apurified

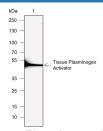
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

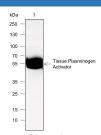
Applications Recommended Dilution

WB 1:1000

IHC 1:500-1:1000

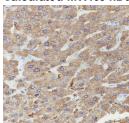
Data





Western Blot with Tissue Plasminogen Activator Monoclonal Western Blot with Tissue Plasminogen Activator Monoclonal Antibody at dilution of 1:1000. Lane 1: Human liver Antibody at dilution of 1:1000. Lane 1: Rat plasma

Observed-MW:55 kDa Calculated-MW:63 kDa



Observed-MW:55 kDa Calculated-MW:63 kDa

Immunohistochemistry of paraffin-embedded Human liver using Tissue Plasminogen Activator Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

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Plasminogen activator, tissue (PLAT, synonyms: TPA, T-PA) is a tissue-type plasminogen activator, a secreted serine protease which converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. Tissue-type plasminogen activator is synthesized as a single chain which is cleaved by plasmin to a two chain disulfide linked protein (33 kDa and 32 kDa). PLAT enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibrinolysis which can result in thrombosis or embolism. tPA has 4 isoforms produced by alternative splicing with the MW of 63 kDa, 33 kDa, 57 kDa and 44 kDa.

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