Recombinant Tissue Plasminogen Activator Monoclonal Antibody

catalog number: **AN302005L**

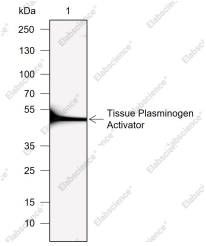
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat
Immunogen	Peptide. This information is proprietary to PTMab
Host	Rabbit
Isotype	Rabbit IgG
Clone	C721626
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000
IHC	1:500-1:1000

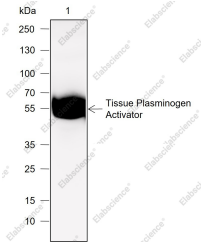
Data



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

Observed-MW:55 kDa

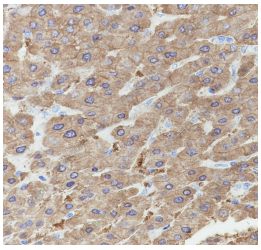
Calculated-MW:63 kDa



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

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

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

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.