

tPA/PLAT Rabbit mAb

Catalog No.: A4210

Recombinant

2 Publications

Basic Information

Observed MW

70kDa

Calculated MW

63kDa

Category

Primary antibody

Applications

WB, IF/ICC, IF-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0928

Background

This gene encodes tissue-type plasminogen activator, a secreted serine protease that converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. The encoded preproprotein is proteolytically processed by plasmin or trypsin to generate heavy and light chains. These chains associate via disulfide linkages to form the heterodimeric enzyme. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding, while decreased activity leads to hypofibrinolysis, which can result in thrombosis or embolism. Alternative splicing of this gene results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

Recommended Dilutions

WB 1:1000 - 1:6000**IF/ICC** 1:100 - 1:400**IF-P** 1:100 - 1:400

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5327

Swiss Prot

P00750

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

TPA; T-PA; tPA/PLAT

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data

