

**Anti-PLAT/Tpa Rabbit Monoclonal Antibody**  
Catalog # ABO13499**Specification****Anti-PLAT/Tpa Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P00750</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-PLAT/Tpa Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

**Anti-PLAT/Tpa Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 5327

**Other Names**

Tissue-type plasminogen activator, t-PA, t-plasminogen activator, tPA, 3.4.21.68, Alteplase, Reteplase, Tissue-type plasminogen activator chain A, Tissue-type plasminogen activator chain B, PLAT ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=9051](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=9051))  
target="\_blank">HGNC:9051</a>)

**Calculated MW**

62917 MW KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200

**Subcellular Localization**

Secreted, extracellular space.

**Tissue Specificity**

Synthesized in numerous tissues (including tumors) and secreted into most extracellular body fluids, such as plasma, uterine fluid, saliva, gingival crevicular fluid, tears, seminal fluid, and milk.

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human PLAT

**Purification**

Affinity-chromatography

## Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

## Anti-PLAT/Tpa Rabbit Monoclonal Antibody - Protein Information

**Name** PLAT ([HGNC:9051](#))

### Function

Converts the abundant, but inactive, zymogen plasminogen to plasmin by hydrolyzing a single Arg-Val bond in plasminogen. By controlling plasmin-mediated proteolysis, it plays an important role in tissue remodeling and degradation, in cell migration and many other physiopathological events. During oocyte activation, plays a role in cortical granule reaction in the zona reaction, which contributes to the block to polyspermy (By similarity).

### Cellular Location

Secreted, extracellular space.

### Tissue Location

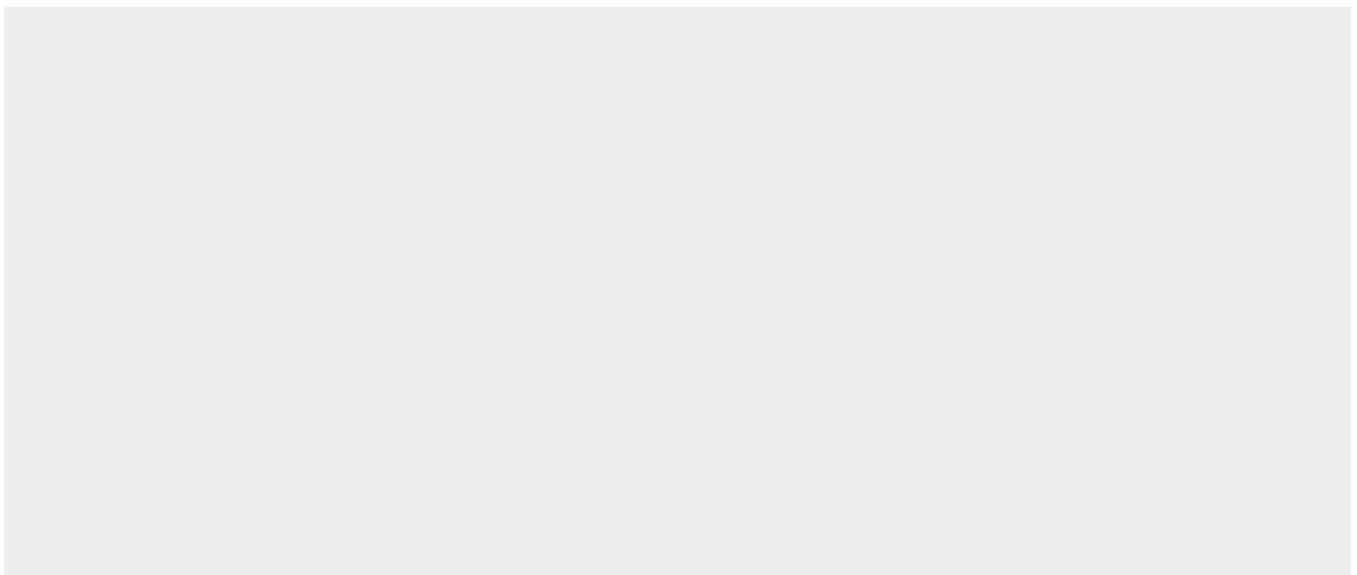
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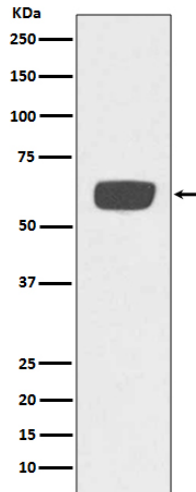
## Anti-PLAT/Tpa Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-PLAT/Tpa Rabbit Monoclonal Antibody - Images





Western blot analysis of PLAT expression in human plasma lysate.