

For Research Use Only

# CoraLite®594-conjugated Plasminogen Monoclonal antibody

Catalog Number: CL594-66399



## Basic Information

Catalog Number:

CL594-66399

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9938

GenBank Accession Number:

BC060513

GeneID (NCBI):

5340

UNIPROT ID:

P00747

Full Name:

plasminogen

Calculated MW:

810 aa, 91 kDa

Observed MW:

105 kDa

Purification Method:

Protein G purification

CloneNo.:

1F6A11

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human

Positive Controls:

IF-P : human liver cancer tissue,

## Background Information

Plasminogen is a secreted blood zymogen that is activated by proteolysis and converted to plasmin and angiostatin. Plasminogen plays an important role in fibrinolysis as well as wound healing, cell migration, tissue modeling and angiogenesis. Plasminogen is synthesized in the liver, and it circulates in the blood, with a half-life of 2.2 days. Plasminogen is the precursor of plasmin, which lyses fibrin clots to fibrin degradation products (FDP) and D-dimer; the conversion to active protease is mediated by tissue-type (tPA) and urokinase-type (uPA) plasminogen activators. Defects in plasminogen are likely a cause of thrombophilia and ligneous conjunctivitis.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

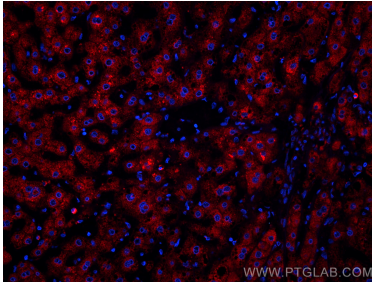
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

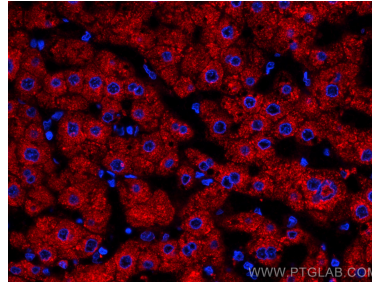
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite®594 Plasminogen antibody (CL594-66399, Clone: 1F6A11 ) at dilution of 1:200.



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