

For Research Use Only

CoraLite®594-conjugated PAI-1 Monoclonal antibody



Catalog Number: CL594-66261

Basic Information

Catalog Number: CL594-66261	GenBank Accession Number: BC010860	Purification Method: Protein G purification
Size: 100UL, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5054	CloneNo.: 1H4A5
Source: Mouse	Full Name: serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 402 aa, 45 kDa	Excitation/Emission maxima wavelengths: 593 nm/614 nm
Immunogen Catalog Number: AG22411	Observed MW: 50 kDa	

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : HepG2 cells,
Species Specificity: human, pig	

Background Information

SERPINE1, also named as Plasminogen activator inhibitor type 1 (PAI-1), is a member of the serine protease inhibitor (SERPIN) superfamily. PAI-1 is the principal inhibitor of tissue plasminogen activator (tPA) and uPA, and hence is an inhibitor of fibrinolysis. Defects in this gene are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are associated with thrombophilia.

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:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data