

Plasminogen Antibody FITC Conjugated

Catalog No: #C03732F

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Description

Product Name	Plasminogen Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human PLG
Conjugates	FITC
Target Name	Plasminogen
Other Names	Plasminogen; Angiostatin; DKFZp779M0222; Microplasmin; Plasmin; Plasmin heavy chain A; PLG; PLMN_HUMAN.
Accession No.	NCBI Gene ID5340
Uniprot	P00747
GeneID	5340;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Plasminogen is a plasma protein synthesised mostly in the liver. Plasma concentration is usually in the range of 70 to 200mg l. Plasminogen is activated by tissue plasminogen activator, urokinase and streptokinase, to form plasmin. Activation results from the cleavage and release of the preactivation peptide. Angiostatin, an internal fragment of plasminogen, is a potent inhibitor of angiogenesis, which selectively inhibits endothelial cell proliferation. Angiostatin potently inhibits tumor growth and can maintain metastatic and primary tumors in a dormant state. It is defined by a balance of proliferation and apoptosis of the tumor cells and is composed of plasminogen first four cringle structures. This molecule is generated by proteolytic cleavage of plasminogen.

Note: This product is for in vitro research use only