

产品名称: PLAU Mouse Monoclonal Antibody
产品货号: AMM82823



产品概述 (Summary)

产品名称 (Production Name)	PLAU Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ICC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PLAU
别名 (Alternative Names)	ATF; QPD; UPA; URK; u-PA; BDPLT5
基因 ID (Gene ID)	5328.0
蛋白 ID (SwissProt ID)	P00749 .Purified recombinant fragment of human PLAU (AA: 107-379) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	48.5KDa

研究背景 (Background)

This gene encodes a secreted serine protease that converts plasminogen to plasmin. The encoded preproprotein is

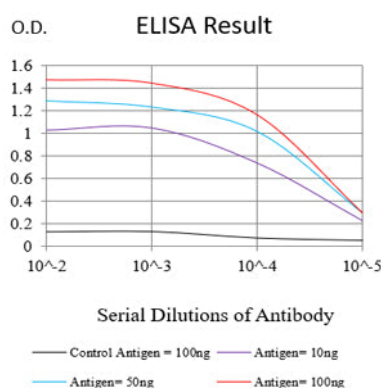
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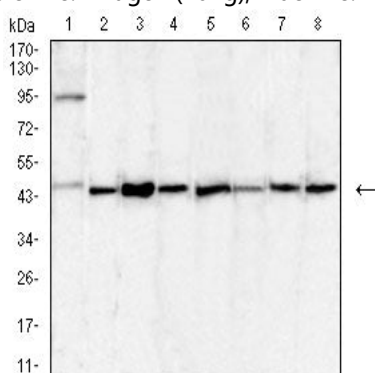
proteolytically processed to generate A and B polypeptide chains. These chains associate via a single disulfide bond to form the catalytically inactive high molecular weight urokinase-type plasminogen activator (HMW-uPA). HMW-uPA can be further processed into the catalytically active low molecular weight urokinase-type plasminogen activator (LMW-uPA). This low molecular weight form does not bind to the urokinase-type plasminogen activator receptor. Mutations in this gene may be associated with Quebec platelet disorder and late-onset Alzheimer's disease. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

研究领域 (Research Area)

图片 (Image Data)

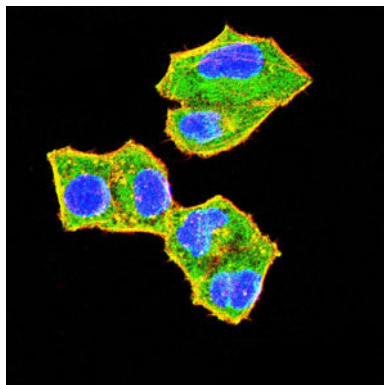


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

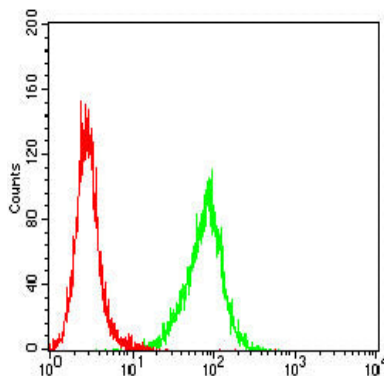


Western blot analysis using PLAU mouse mAb against PC-3 (1),MCF-7 (2), LNCap (3),DU145 (4),HCT116 (5),A549 (6),SK-OV-3 (7) and HEK293 (8) cell lysate.

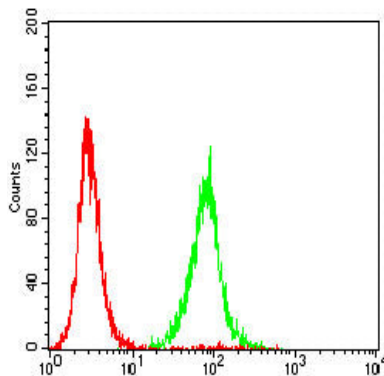
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Immunofluorescence analysis of HeLa cells using PLAU mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HeLa cells using PLAU mouse mAb (green) and negative control (red).



Flow cytometric analysis of HepG2 cells using PLAU mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .