

产品名称: CDK5 Mouse Monoclonal Antibody
产品货号: AMM80985



产品概述 (Summary)

产品名称 (Production Name)	CDK5 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human,Rat,Monkey

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)	CDK5
别名 (Alternative Names)	PSSALRE
基因 ID (Gene ID)	1020.0
蛋白 ID (SwissProt ID)	Q00535.Purified recombinant fragment of human CDK5 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	35kDa

研究背景 (Background)

Function: Probably involved in the control of the cell cycle. Interacts with D1 and D3-type G1 cyclins. Can phosphorylate

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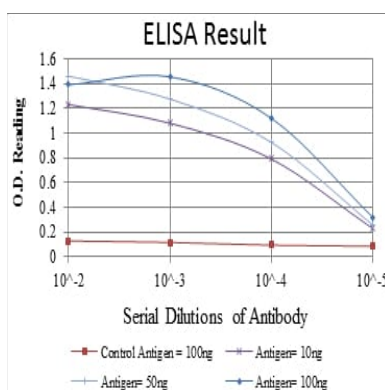


histone H1, tau, MAP2 and NF-H and NF-M. Also interacts with p35 which activates the kinase.

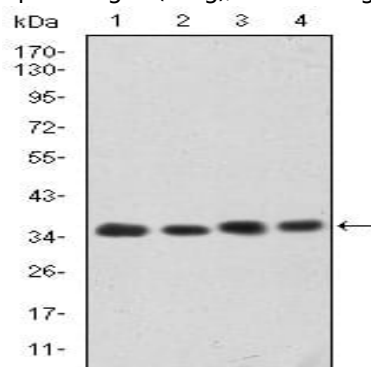
研究领域 (Research Area)

Apoptosis

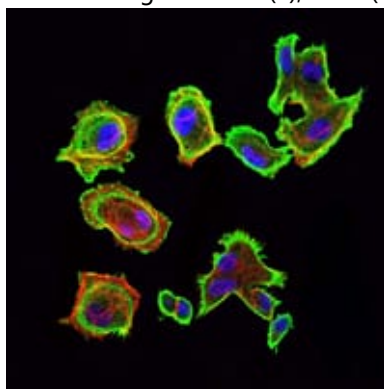
图片 (Image Data)



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

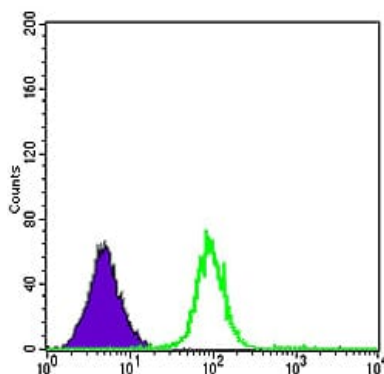


Western blot analysis using CDK5 mouse mAb against Hela (1), K562 (2), PC-12 (3) and Cos7 (4) cell lysate.

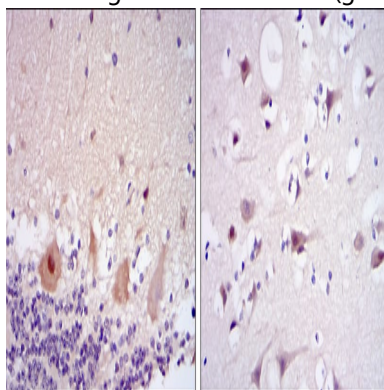


Immunofluorescence analysis of GC7901 cells using CDK5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

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Flow cytometric analysis of K562 cells using CDK5 mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human cerebellum tissues (left) and brain tissues (right) using CDK5 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .