

产品名称: CDK1 Mouse Monoclonal Antibody
产品货号: AMM80961



产品概述 (Summary)

产品名称 (Production Name)	CDK1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA
种属反应性 (Reactivity)	Human,Mouse,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)	CDK1
别名 (Alternative Names)	CDC2; CDC28A; P34CDC2; MGC111195; DKFZp686L20222; CDK1
基因 ID (Gene ID)	983.0
蛋白 ID (SwissProt ID)	P06493.Purified recombinant fragment of human CDK1 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
蛋白分子量 (Molecular Weight)	34kDa

研究背景 (Background)

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M

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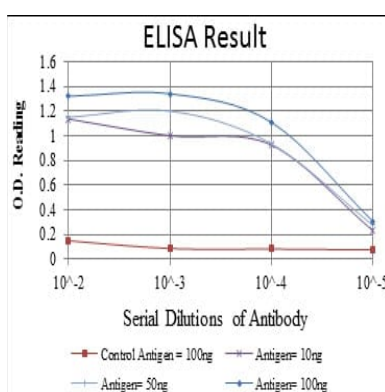


phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control.

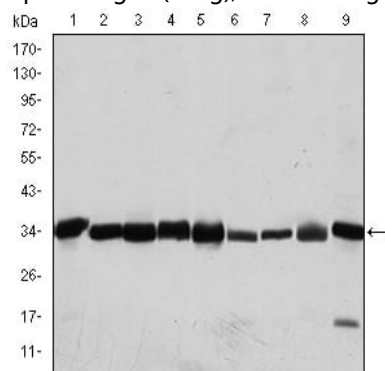
研究领域 (Research Area)

Apoptosis

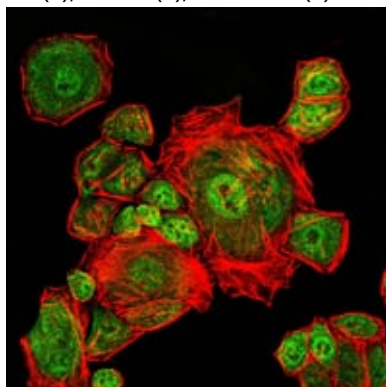
图片 (Image Data)



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



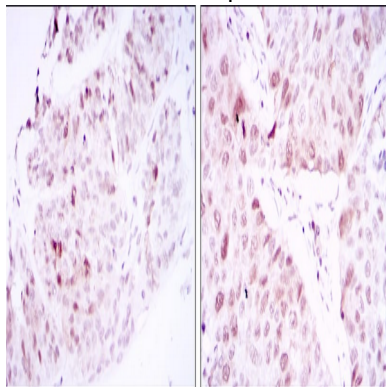
Western blot analysis using CDK1 mouse mAb against HeLa (1), Jurkat (2), K562 (3), A431 (4), MCF-7 (5), RAW264.7 (6), NIN/3T3 (7), PC-12 (8), and Cos7 (9) cell lysate.



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Immunofluorescence analysis of Eca109 cells using CDK1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues (left) and lung cancer tissues (right) using CDK1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .