

产品名称: CDC37 Mouse Monoclonal Antibody
产品货号: AMM81812



产品概述 (Summary)

产品名称 (Production Name)	CDC37 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2a
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)	CDC37
别名 (Alternative Names)	P50CDC37
基因 ID (Gene ID)	11140.0
蛋白 ID (SwissProt ID)	Q16543.Purified recombinant fragment of human CDC37 (AA: 241-378) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	44.5kDa

研究背景 (Background)

The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of Sacchromyces

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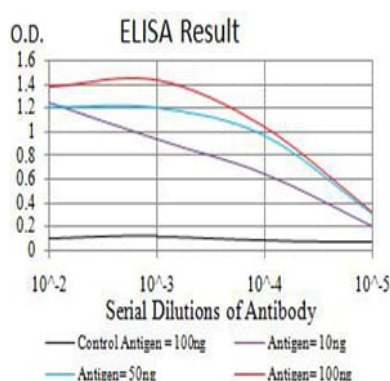


cerevisiae. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases.

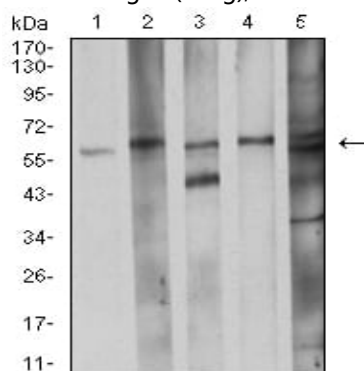
研究领域 (Research Area)

PI3K-Akt signaling pathway

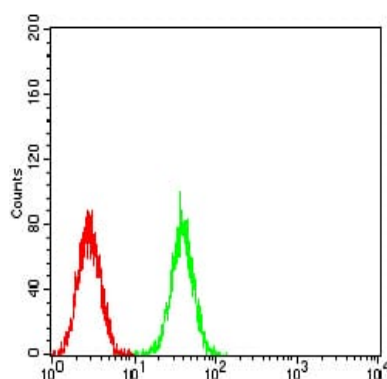
图片 (Image Data)



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



Western blot analysis using CDC37 mouse mAb against K562 (1), LNcap (2), A431 (3), HEK293 (4), and C2C12 (5) cell lysate.



Flow cytometric analysis of K562 cells using CDC37 mouse mAb (green) and negative control (red).

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注意事项 (Note)

For research use only .