

产品名称: CSNK2A2 Mouse Monoclonal Antibody
产品货号: AMM81170



产品概述 (Summary)

产品名称 (Production Name)	CSNK2A2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey,Rabbit

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)	CSNK2A2
别名 (Alternative Names)	CK2A2; CSNK2A1; FLJ43934
基因 ID (Gene ID)	1459.0
蛋白 ID (SwissProt ID)	P19784.Purified recombinant fragment of human CSNK2A2 (AA: 194-350) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	41.2kDa

研究背景 (Background)

Casein kinase II (CK2) is a constitutively active, ubiquitously expressed serine/threonine protein kinase that is thought to

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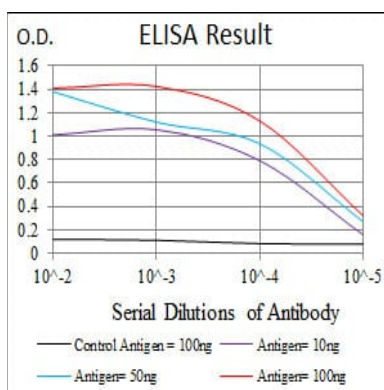


have a regulatory function in cell proliferation, cell differentiation and apoptosis. CK2 functions as a tetrameric complex consisting of two regulatory beta-subunits and two catalytic units (alpha and alpha') in a homomeric or heteromeric conformation. Whilst the alpha- and alpha'-subunits are catalytically identical, proteins that regulate CK2, such as cdc2 and Hsp90, preferentially bind to the alpha and not the alpha'-subunit. CK2 can phosphorylate a number of key intracellular signaling proteins implicated in tumor suppression (p53 and PTEN) and tumorigenesis (myc, jun, NF-kappaB). CK2 is also thought to influence Wnt signaling via beta-catenin phosphorylation and the PI 3-K signaling pathway via the phosphorylation of Akt.

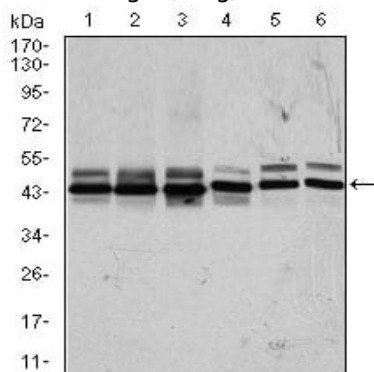
研究领域 (Research Area)

Apoptosis, Wnt signaling pathway

图片 (Image Data)

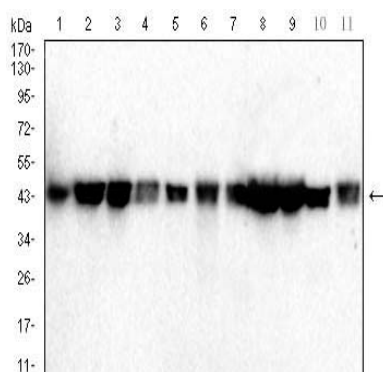


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

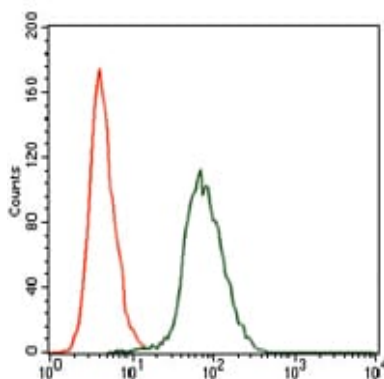


Western blot analysis using CSNK2A2 mouse mAb against HeLa (1), MCF-7 (2), HepG2 (3), Jurkat (4), NIH3T3 (5), and PC-12 (6) cell lysate.

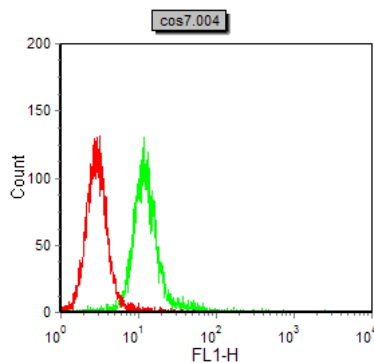
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Western blot analysis using CSNK2A2 mouse mAb against mouse liver(1)PC-12(2)Raw264.7(3)NIH/3T3(4)NRK(5)C2C12(6)C6(7)L1210(8)F9(9)COS-7(10)CHO3D10(11) cell lysate.

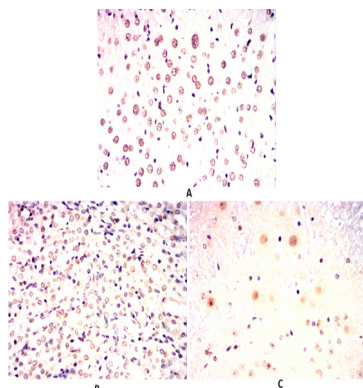


Flow cytometric analysis of HepG2 cells using CSNK2A2 mouse mAb (green) and negative control (red).

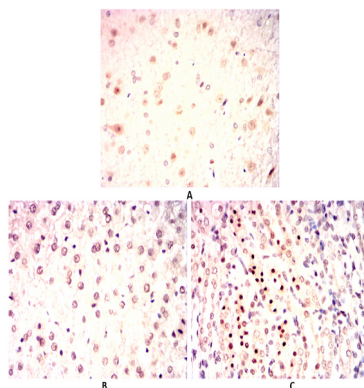


Flow cytometric analysis of COS7 cells using CSNK2A2 mouse mAb (green) and negative control (red).

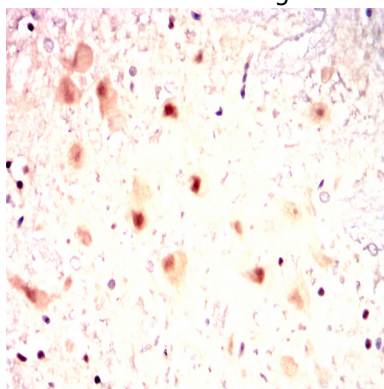
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Immunohistochemical analysis of paraffin-embedded Mouse kidney(A)Mouse kidney(B)Mouse cerebellum(C) using CSNK2A2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat kidney(A)Rat kidney(B)Rat brain(C) using CSNK2A2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit spinal cord using CSNK2A2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .