

产品名称: CSNK2B Mouse Monoclonal Antibody
产品货号: AMM81380



产品概述 (Summary)

产品名称 (Production Name)	CSNK2B 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

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)	CSNK2B
别名 (Alternative Names)	G5A; CK2B; CK2N; CSK2B
基因 ID (Gene ID)	1460.0
蛋白 ID (SwissProt ID)	P67870.Purified recombinant fragment of human CSNK2B (AA: FULL(1-215)) 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)	25kDa

研究背景 (Background)

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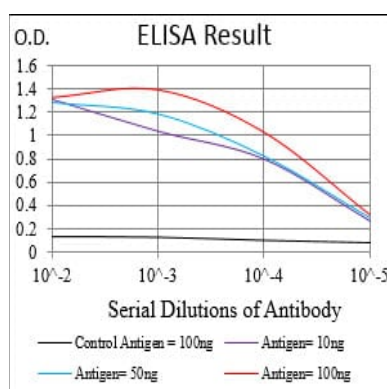


This gene encodes the beta subunit of casein kinase II, a ubiquitous protein kinase which regulates metabolic pathways, signal transduction, transcription, translation, and replication. The enzyme is composed of three subunits, alpha, alpha prime and beta, which form a tetrameric holoenzyme. The alpha and alpha prime subunits are catalytic, while the beta subunit serves regulatory functions. The enzyme localizes to the endoplasmic reticulum and the Golgi apparatus. Two transcript variants encoding different isoforms have been found for this gene.

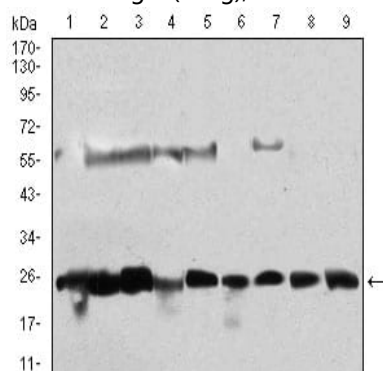
研究领域 (Research Area)

Wnt signaling pathway

图片 (Image Data)

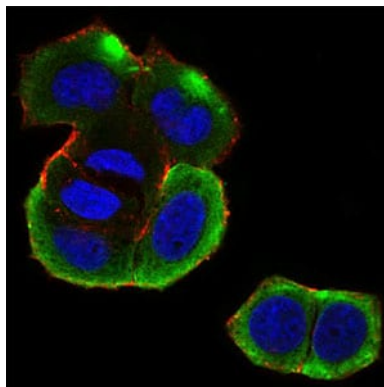


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

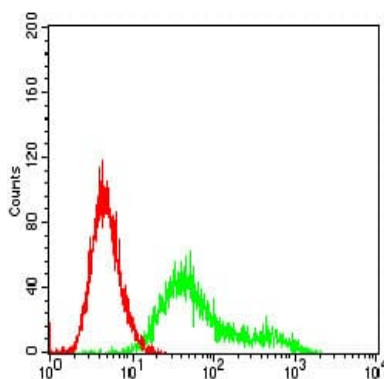


Western blot analysis using CSNK2B mouse mAb against HeLa (1), Jurkat (2), K562 (3), HepG2 (4), C6 (5), SK-N-SH (6), NTERA-2 (7), MCF-7 (8), NIH/3T3 (9) cell lysate.

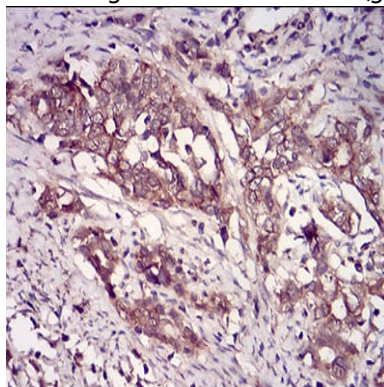
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Immunofluorescence analysis of MCF-7 cells using CSNK2B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

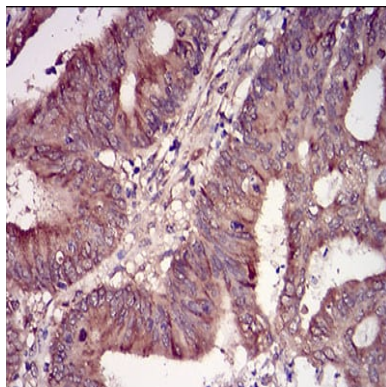


Flow cytometric analysis of Hela cells using CSNK2B mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CSNK2B mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using CSNK2B mouse mAb with DAB staining.

注意事项 (Note)

For research use only .