

产品名称: CASP-7 Mouse Monoclonal Antibody
产品货号: AMM81414



产品概述 (Summary)

产品名称 (Production Name)	CASP-7 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

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)	CASP-7
别名 (Alternative Names)	MCH3; CMH-1; LICE2; CASP7; ICE-LAP3
基因 ID (Gene ID)	840.0
蛋白 ID (SwissProt ID)	P55210.Purified recombinant fragment of human CASP-7 (AA: 29-198) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	34.3kDa

研究背景 (Background)

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases

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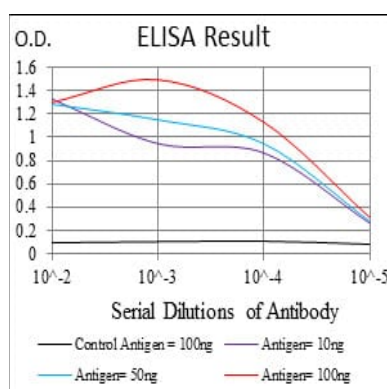


plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

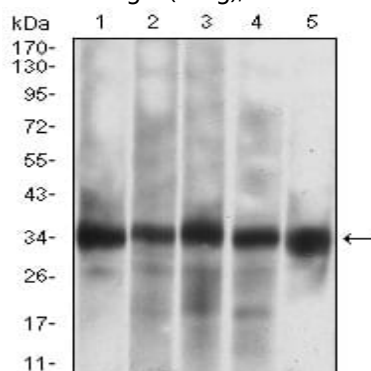
研究领域 (Research Area)

Apoptosis

图片 (Image Data)

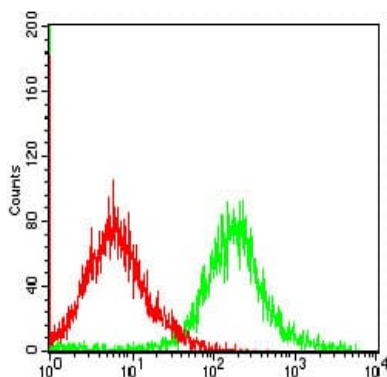


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

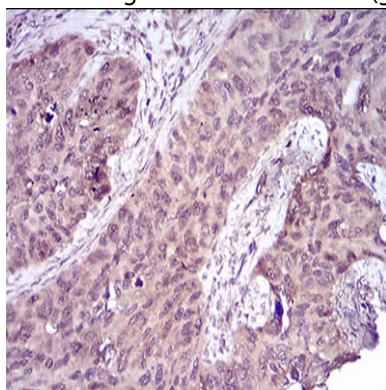


Western blot analysis using CASP-7 mouse mAb against Jurkat (1), HEK293 (2), MOLT4 (3), MCF-7 (4), PC-12 (5) cell lysate.

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Flow cytometric analysis of MCF-7 cells using CASP-7 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CASP-7 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .