

产品名称: BAX Mouse Monoclonal Antibody
产品货号: AMM82570



产品概述 (Summary)

产品名称 (Production Name)	BAX 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

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
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)	BAX
别名 (Alternative Names)	BCL2L4
基因 ID (Gene ID)	581.0
蛋白 ID (SwissProt ID)	Q07812.Purified recombinant fragment of human BAX(AA: (13-160)) 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)	21.2kDa

研究背景 (Background)

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers

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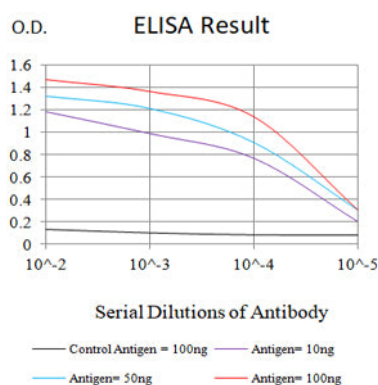


and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. The association and the ratio of BAX to BCL2 also determines survival or death of a cell following an apoptotic stimulus. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene. [provided by RefSeq, Dec 2019]

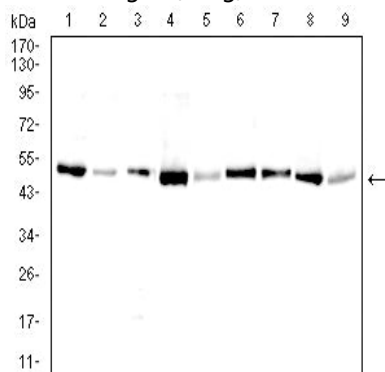
研究领域 (Research Area)

Apoptosis, TGF-beta signaling pathway

图片 (Image Data)

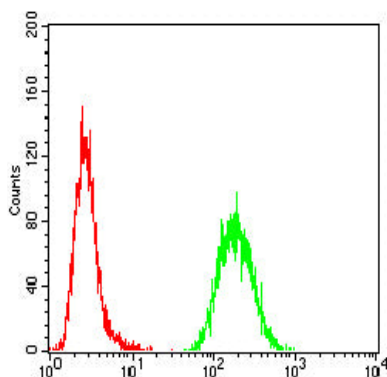


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

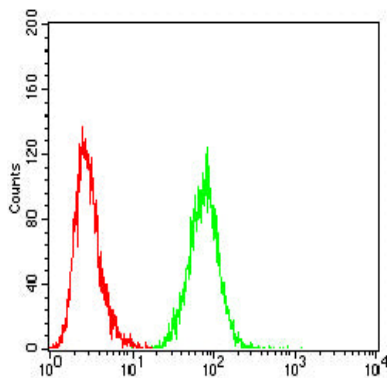


Western blot analysis using BAX mouse mAb against Hela (1), C2C12 (2), C6 (3), HepG2 (4), MCF-7 (5), Ramos (6), Raji (7), HEK293 (8), and HEK293-6e (9) cell lysate.

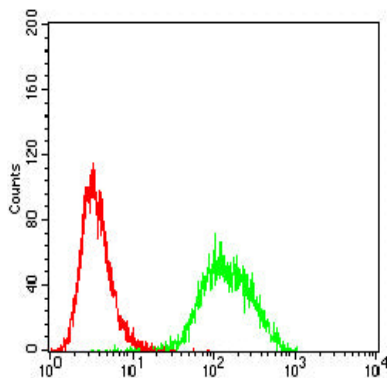
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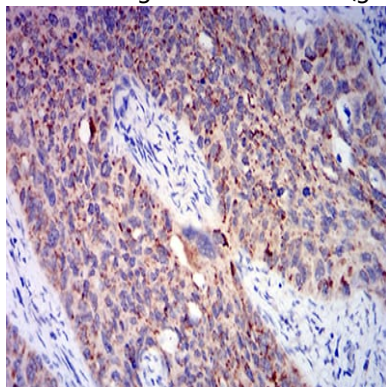
Flow cytometric analysis of Hela cells using BAX mouse mAb (green) and negative control (red).



Flow cytometric analysis of Hepg2 cells using BAX mouse mAb (green) and negative control (red).



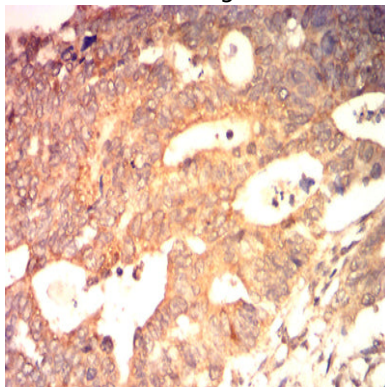
Flow cytometric analysis of Jurkat cells using BAX mouse mAb (green) and negative control (red).



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



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

注意事项 (Note)

For research use only .