产品名称：BAK1 Mouse Monoclonal Antibody
产品货号：AMM81912

产品概述（Summary）

产品名称（Production Name）	BAK1 Mouse Monoclonal Antibody
描述（Description）	Mouse monoclonal Antibody
宿主（Host）	Mouse
应用（Application）	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 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）	BAK1
别名（Alternative Names）	BAK; CDN1; BCL2L7; BAK-LIKE
基因 ID（Gene ID）	578.0
蛋白 ID（SwissProt ID）	Q16611.Purified recombinant fragment of human BAK1 (AA: 29-187) expressed in E. Coli.

产品应用（Application）

稀释比（Dilution Ratio）	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量（Molecular Weight）	23.4kDa

研究背景（Background）

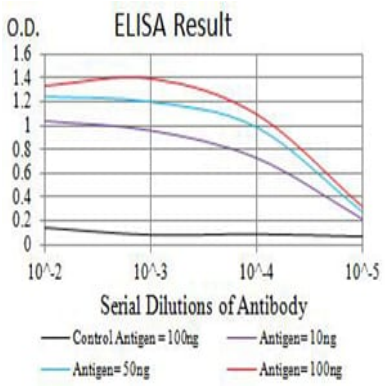
The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or

heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress.

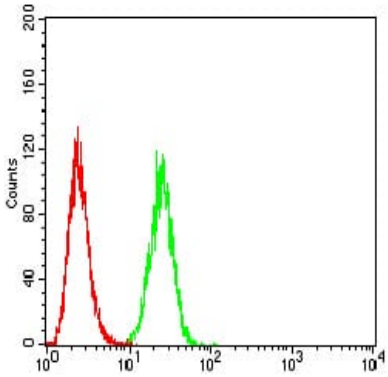
研究领域（Research Area）

Apoptosis

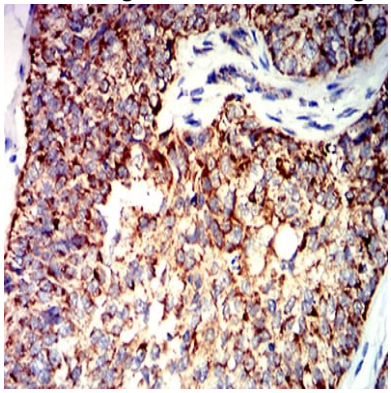
图片（Image Data）



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



Flow cytometric analysis of Hela cells using BAK1 mouse mAb (green) and negative control (red).



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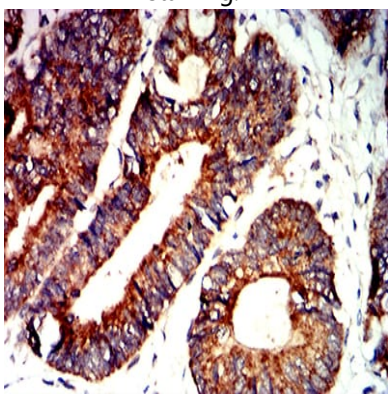
Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using BAK1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using BAK1 mouse mAb with DAB staining.

注意事项（Note）

For research use only .