

产品名称: BCL2L10 Mouse Monoclonal Antibody  
产品货号: AMM81863



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | BCL2L10 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody         |
| 宿主 (Host)              | Mouse                             |
| 应用 (Application)       | 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)        | BCL2L10                                                                                   |
| 别名 (Alternative Names) | Boo; Diva; BCL-B; bcl2-L-10                                                               |
| 基因 ID (Gene ID)        | 10017.0                                                                                   |
| 蛋白 ID (SwissProt ID)   | Q9HD36. Purified recombinant fragment of human BCL2L10 (AA: 31-186) expressed in E. Coli. |

## 产品应用 (Application)

|                          |                                                                          |
|--------------------------|--------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | 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) | 22kDa                                                                    |

## 研究背景 (Background)

The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers

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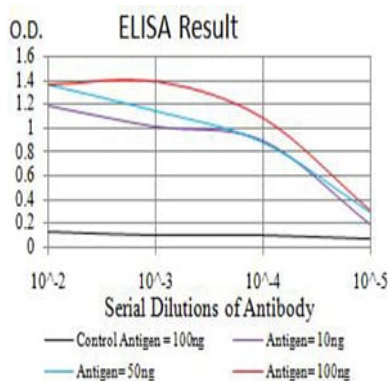


and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The protein encoded by this gene contains conserved BH4, BH1 and BH2 domains. This protein can interact with other members of BCL-2 protein family including BCL2, BCL2L1/BCL-X(L), and BAX. Overexpression of this gene has been shown to suppress cell apoptosis possibly through the prevention of cytochrome C release from the mitochondria, and thus activating caspase-3 activation. The mouse counterpart of this protein is found to interact with Apaf1 and forms a protein complex with Caspase 9, which suggests the involvement of this protein in APAF1 and CASPASE 9 related apoptotic pathway.

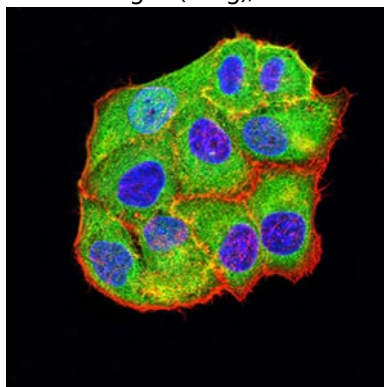
## 研究领域 (Research Area)

Apoptosis

## 图片 (Image Data)

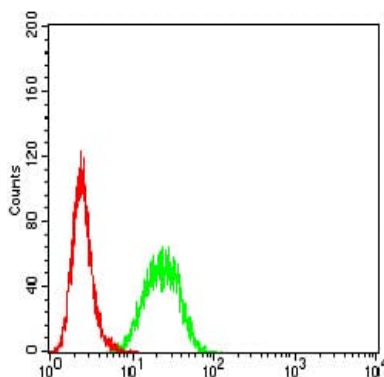


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

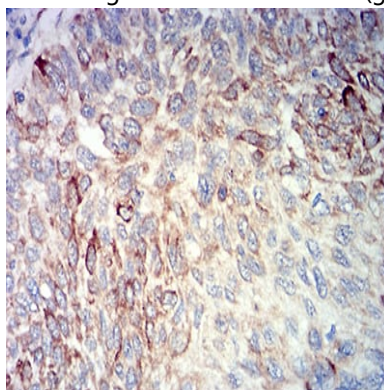


Immunofluorescence analysis of HeLa cells using BCL2L10 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

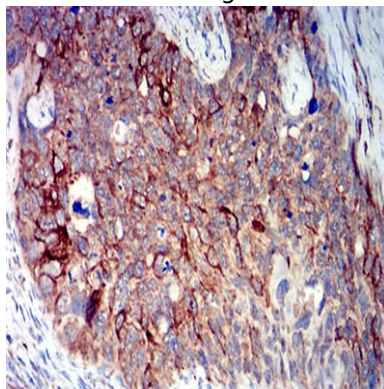
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Flow cytometric analysis of Hela cells using BCL2L10 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using BCL2L10 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using BCL2L10 mouse mAb with DAB staining.

## 注意事项 (Note)

For research use only .