

产品名称: CBX2 Mouse Monoclonal Antibody  
产品货号: AMM81560



## 产品概述 (Summary)

|                        |                                |
|------------------------|--------------------------------|
| 产品名称 (Production Name) | CBX2 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,Mouse,Rat,Rabbit,Monkey  |

## 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)        | CBX2                                                                                   |
| 别名 (Alternative Names) | M33; CDCA6; SRXY5                                                                      |
| 基因 ID (Gene ID)        | 84733.0                                                                                |
| 蛋白 ID (SwissProt ID)   | Q14781.Purified recombinant fragment of human CBX2 (AA: 402-525) 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) | 56kDa                                                                                 |

## 研究背景 (Background)

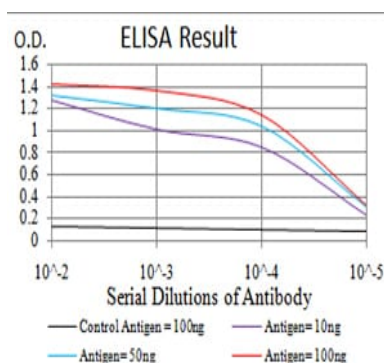
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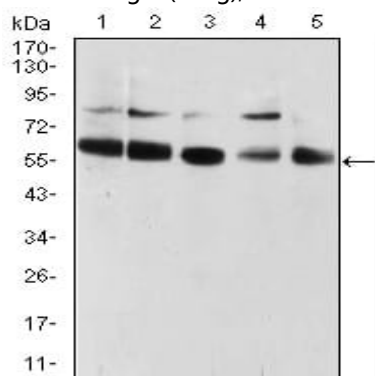
This gene encodes a component of the polycomb multiprotein complex, which is required to maintain the transcriptionally repressive state of many genes throughout development via chromatin remodeling and modification of histones. Disruption of this gene in mice results in male-to-female gonadal sex reversal. Mutations in this gene are also associated with gonadal dysgenesis in humans. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

## 研究领域 (Research Area)

## 图片 (Image Data)

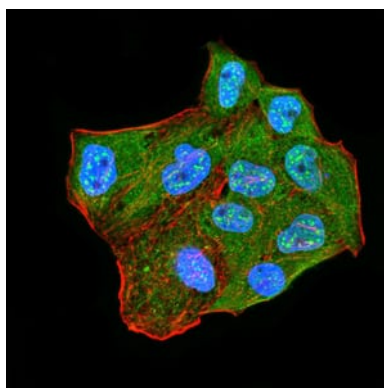


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

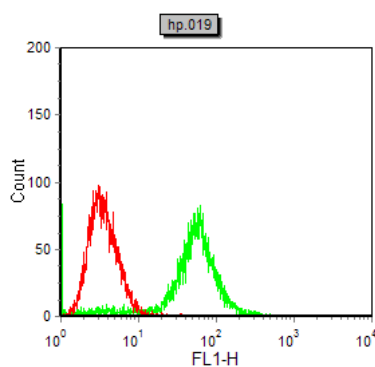


Western blot analysis using CBX2 mouse mAb against HUVEC (1), HEK293 (2), Hela (3), NIH/3T3 (4), and A431 (5) cell lysate.

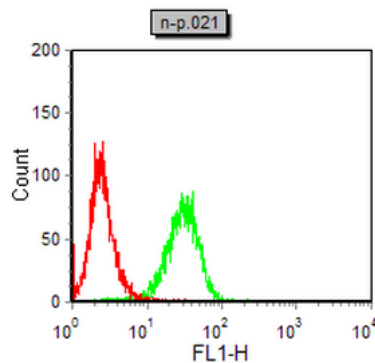
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Immunofluorescence analysis of MCF-7 cells using CBX2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

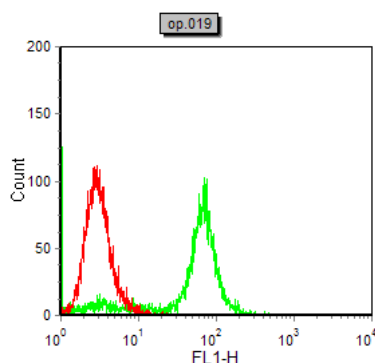


Flow cytometric analysis of HeLa cells using CBX2 mouse mAb (green) and negative control (red).

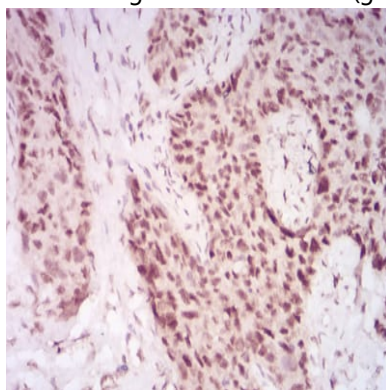


Flow cytometric analysis of NIH/3T3 cells using CBX2 mouse mAb (green) and negative control (red).

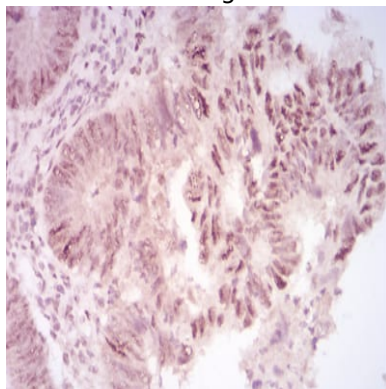
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Flow cytometric analysis of COS7 cells using CBX2 mouse mAb (green) and negative control (red).

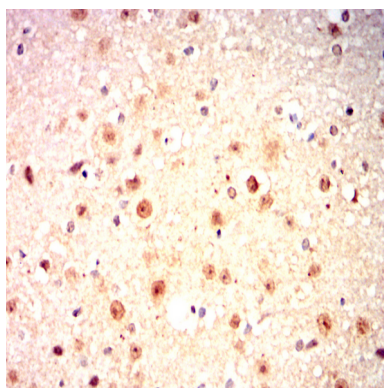


Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CBX2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CBX2 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded Mouse cerebellum using CBX2 mouse mAb with DAB staining.

#### **注意事项 (Note)**

For research use only .