

**产品名称: CD276 Mouse Monoclonal Antibody**

**产品货号: AMM20427**

### 产品概述 (Summary)

|                   |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| 描述(Description)   | Mouse monoclonal Antibody                                                                |
| 宿主(Host)          | Mouse                                                                                    |
| 应用(Application)   | WB,IHC,ICC/IF,ELISA,FC                                                                   |
| 种属反应(Reactivity)  | Human                                                                                    |
| 偶联物(Conjugation)  | Unconjugated                                                                             |
| 修饰(Modification)  | Unmodified                                                                               |
| 同种型(Isotype)      | IgG                                                                                      |
| 克隆(Clonality)     | Monoclonal                                                                               |
| 剂型(Form)          | Liquid                                                                                   |
| 保存条件(Storage)     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| 储存溶液(Buffer)      | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide.   |
| 纯化 (Purification) | Affinity Purification                                                                    |

### 产品应用(Application)

|                       |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| 稀释比(Dilution Ratio)   | WB 1:500-1:2000,IHC 1:200-1:1000,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 分子量(Molecular Weight) | Observed MW: 100 kDa                                                                   |

### 抗原信息(Antigen Information)

|                       |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| 基因名(Gene Name)        | CD276                                                                                                          |
| 别名(Alternative Names) | CD276 ;B7H3 ;PSEC0249 ;CD276 antigen ;4Ig-B7-H3 ;B7 homolog 3 ;B7-H3 ;Costimulatory molecule ;CD antigen CD276 |
| 基因 ID(Gene ID)        | 80381.0                                                                                                        |
| SwissProt ID          | Q5ZPR3                                                                                                         |
| 免疫原(Immunogen)        | Purified recombinant fragment of human CD276 expressed in E. Coli.                                             |

### 研究背景 (Background)

The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3'-

UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011],

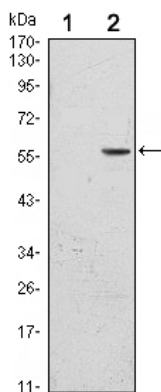
## 研究领域 (Research Area)

Cell adhesion molecules

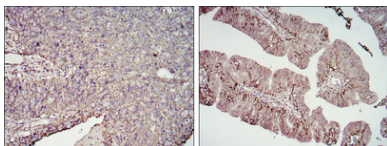
## 注意事项 (Note)

For research use only.

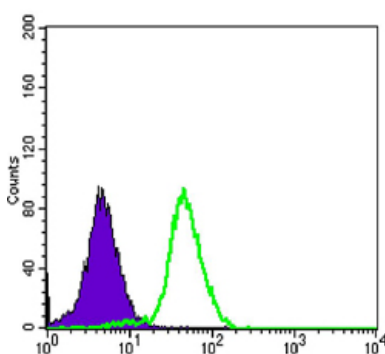
## 图片 (Image Data)



Western Blot analysis using CD276 Monoclonal Antibody against HEK293 (1) and CD276-hlgGfc transfected HEK293 (2) cell lysate



Immunohistochemistry analysis of paraffin-embedded cervical cancer tissues (left) and ovarian cancer tissues (right) with DAB staining using CD276 Monoclonal Antibody.



Flow cytometric analysis of PC-3 cells using CD276 Monoclonal Antibody (green) and negative control (purple).

## EnkiLife 优势产品推荐

| 产品类别                        | 产品货号     | 产品名称                                               |
|-----------------------------|----------|----------------------------------------------------|
| WB 解决方案                     | RA10020  | 2h 极速 WB 即用型全流程试剂盒                                 |
|                             | RA10021  | 4h 快速 WB 即用型全流程试剂盒                                 |
|                             | RA10042  | 5h 畅享版 WB 全流程试剂盒                                   |
|                             | RA10037  | 校准级彩色预染蛋白 Marker (8-180kDa)                        |
|                             | RA10038  | 校准级彩色预染蛋白 Marker (10-250kDa)                       |
|                             | RA10039  | 校准级高分子彩色预染蛋白 Marker (25-400kDa)                    |
| TSA 多重荧光染色试剂盒               | RA10008  | TSA 双标三色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10009  | TSA 三标四色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10010  | TSA 四标五色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10011  | TSA 五标六色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10012  | TSA 六标七色多重荧光染色试剂盒 (mIHC)                           |
| IHC 检测试剂盒                   | RA10006  | HRP Anti-Mouse/Rabbit IHC Detection System         |
|                             | RA10007  | Polymer-HRP Anti-Mouse/Rabbit IHC Detection System |
| 抗体标记试剂盒                     | RE80004p | 辣根过氧化物酶(HRP)抗体标记试剂盒                                |
|                             | RE80002q | Sulfo-NHS-生物素标记试剂盒                                 |
|                             | RE80007p | Cy3 荧光素标记试剂盒                                       |
|                             | RE80011p | Fluor488 荧光素标记试剂盒                                  |
|                             | RE80017p | Fluor750 荧光素标记试剂盒                                  |
|                             | RE80005p | 藻红蛋白(R-PE) 抗体快速标记试剂盒                               |
|                             | RE80040  | PE-Cy7 串联染料抗体快速标记试剂盒                               |
| 稳转细胞系构建服务<br>(免费赠送全膜 WB 验证) | TS-0001  | 过表达稳转细胞系构建                                         |
|                             | TS-0002  | 敲低稳转细胞系构建                                          |
|                             | TS-0003  | 敲除细胞系构建                                            |

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>