



# E-cadherin Mouse Monoclonal Antibody

货号: **AYT1069**

产品信息

|       |                                                                                                                                    |
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| 反应    | Human,Mouse,Rat                                                                                                                    |
| 宿主    | Mouse                                                                                                                              |
| 克隆性   | Monoclonal                                                                                                                         |
| 预测反应  |                                                                                                                                    |
| 应用    | WB IHC ICC/IF FC                                                                                                                   |
| 推荐浓度  | <b>WB</b> : 1/500 - 1/2000<br><b>IHC</b> : 1/100 - 1/1000<br><b>IF/ICC</b> : 1/100 - 1/1000<br><b>FC</b> : 1/200 - 1/400           |
| 理论分子量 | 97kD(Calculated).                                                                                                                  |
| 实测分子量 | 80-120kDa(cleavages),135 kDa(Observed)                                                                                             |
| 形式    | Liquid                                                                                                                             |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.                                  |
| 偶联物   | Unconjugated                                                                                                                       |
| 阳性对照  | DU145,Mouse kidney                                                                                                                 |
| 细胞定位  | Cell junction>Adherens junction. Cell membrane>Single-pass type I membrane protein. Endosome. Golgi apparatus>trans-Golgi network. |
| 纯化    | Affinity purification                                                                                                              |

抗原信息

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靶点信息

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| 研究背景  | E-Cadherin sometimes called CDH1 or Cadherin-1 is a protein that plays a role in cell-to-cell adhesion. This transmembrane protein has a molecular weight of approximately 120 kDa. E-Cadherin is mainly expressed in epithelial tissues of various organs including the skin and gut. Its adhesive function is made possible by its extracellular domain that facilitates homophilic binding between cells contributing to the maintenance of tissue architecture and cellular integrity. |
| 基因ID  | CDH1(999)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 基因名   | CDH1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Swiss | P12830 ( <a href="https://www.uniprot.org/uniprotkb/P12830/entry">https://www.uniprot.org/uniprotkb/P12830/entry</a> )                                                                                                                                                                                                                                                                                                                                                                     |
| 别名    | Arc 1; CADH1_HUMAN; Cadherin 1; cadherin 1 type 1 E-cadherin; Cadherin1; CAM 120/80; CD 324; CD324; CD324 antigen; cdh1; CDHE; E-Cad/CTF3; E-cadherin; ECAD; Epithelial cadherin; epithelial calcium dependent adhesion protein; LCAM; Liver cell adhesion molecule; UVO; Uvomorulin;                                                                                                                                                                                                      |

产品验证

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|  E-cadherin Mouse Monoclonal Antibody   | Western blot analysis using CDH1 mouse mAb against PC-3 (1), A431 (2), MCF-7 (3), HT-29 (4), HePG2 (5), C6 (6), A549 (7), NIH/3T3 (8), and C2C12 (9) cell lysate. |
|  E-cadherin Mouse Monoclonal Antibody   | Immunohistochemical analysis of paraffin embedded human stomach cancer tissues using CDH1 mouse mAb with DAB staining.1:200                                       |
|  E-cadherin Mouse Monoclonal Antibody | Immunofluorescence analysis of Hela cells using CDH1 mouse mAb ,1:200                                                                                             |

实验步骤

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