

产品名称: CDH1 Mouse Monoclonal Antibody
产品货号: AMM82608



产品概述 (Summary)

产品名称 (Production Name)	CDH1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,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 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)	CDH1
别名 (Alternative Names)	UVO; CDHE; ECAD; LCAM; Arc-1; BCDS1; CD324; E-cadherin; E cadherin
基因 ID (Gene ID)	999.0
蛋白 ID (SwissProt ID)	P12830.Purified recombinant fragment of human CDH1 (AA:extra(155-354)) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	97.5kDa

研究背景 (Background)

This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript

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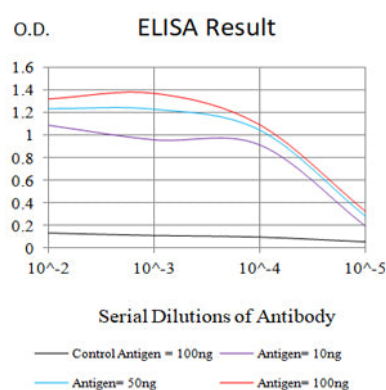


variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function of this gene is thought to contribute to cancer progression by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. This gene is present in a gene cluster with other members of the cadherin family on chromosome 16.

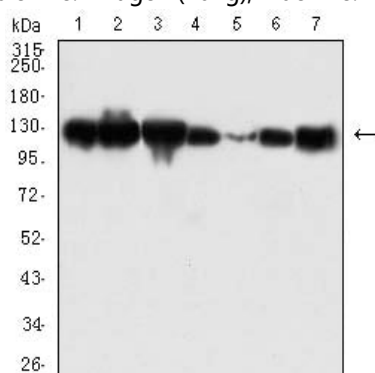
研究领域 (Research Area)

TGF-beta signaling pathway

图片 (Image Data)

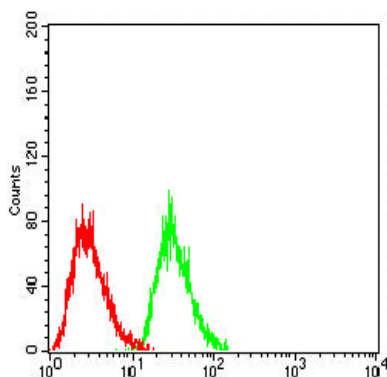


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

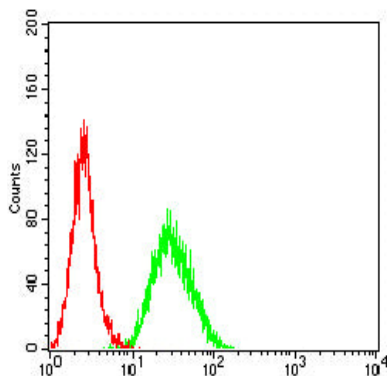


Western blot analysis using CDH1 mouse mAb against A431 (1), LNCap (2), HT-29 (3), PC-3 (4), A549 (5), DU145 (6), and T47D (7) cell lysate.

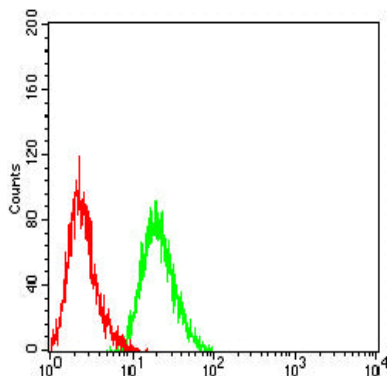
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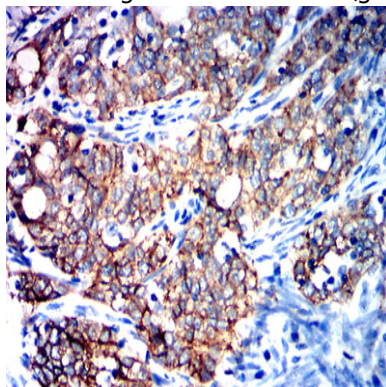
Flow cytometric analysis of HepG2 cells using CDH1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of HT-29 cells using CDH1 mouse mAb (green) and negative control (red).



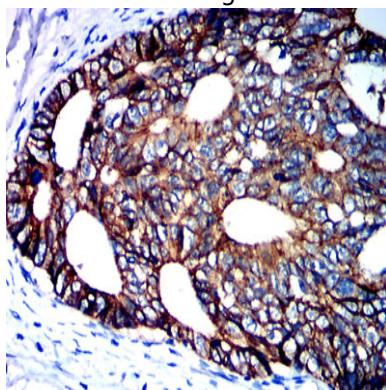
Flow cytometric analysis of Hela cells using CDH1 mouse mAb (green) and negative control (red).



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Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CDH1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using CDH1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .