

产品名称: HDAC1 Mouse Monoclonal Antibody
产品货号: AMM82657



产品概述 (Summary)

产品名称 (Production Name)	HDAC1 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

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)	HDAC1
别名 (Alternative Names)	HD1; RPD3; KDAC1; GON-10; RPD3L1
基因 ID (Gene ID)	3065.0
蛋白 ID (SwissProt ID)	Q13547.Purified recombinant fragment of human HDAC1 (AA: 321-482) 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)	55.1kDa

研究背景 (Background)

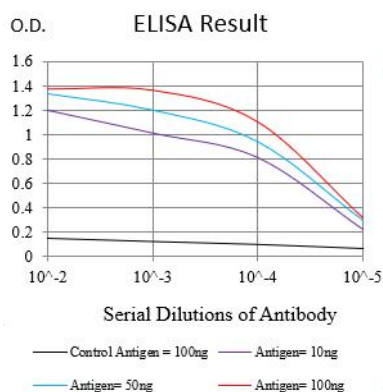
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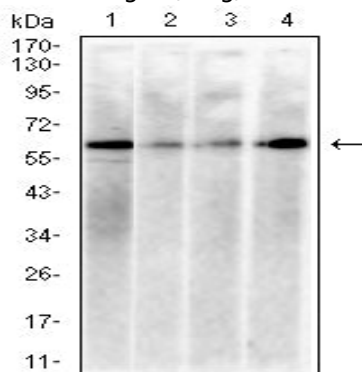
Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis.

研究领域 (Research Area)

图片 (Image Data)

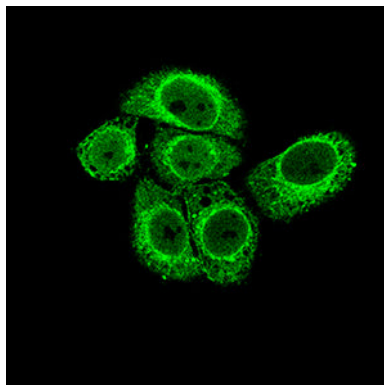


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

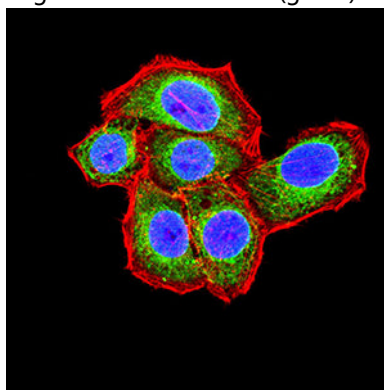


Western blot analysis using HDAC1 mouse mAb against HeLa (1), Raw264.7 (2), K562 (3), and Jurkat (4) cell lysate.

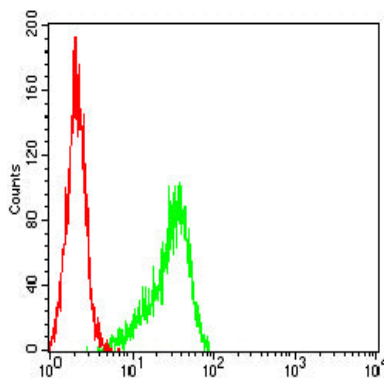
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Immunofluorescence analysis of HeLa cells using HDAC1 mouse mAb (green). Secondary antibody from Fisher (Cat#: 35503)

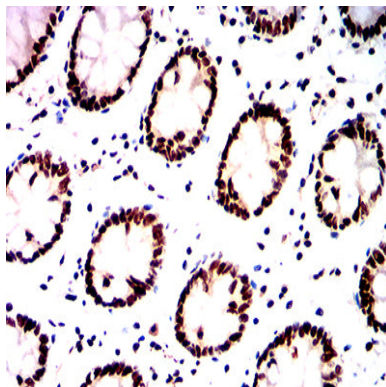


Immunofluorescence analysis of HeLa cells using HDAC1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

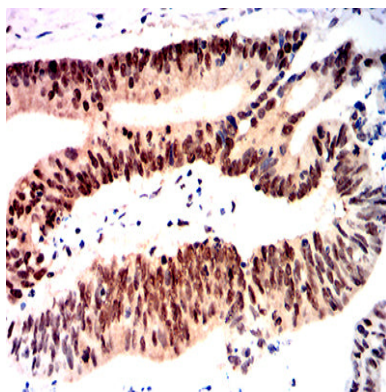


Flow cytometric analysis of HeLa cells using HDAC1 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human colon tissues using HDAC1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using HDAC1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .