

产品名称: SDC1 Mouse Monoclonal Antibody
产品货号: AMM81355



产品概述 (Summary)

产品名称 (Production Name)	SDC1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,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)	SDC1
别名 (Alternative Names)	SDC; CD138; SYND1; syndecan
基因 ID (Gene ID)	6382.0
蛋白 ID (SwissProt ID)	P18827.Purified recombinant fragment of human SDC1 (AA: 28-171) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	32.5kDa

研究背景 (Background)

The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the

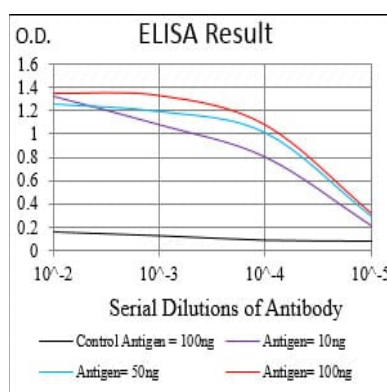
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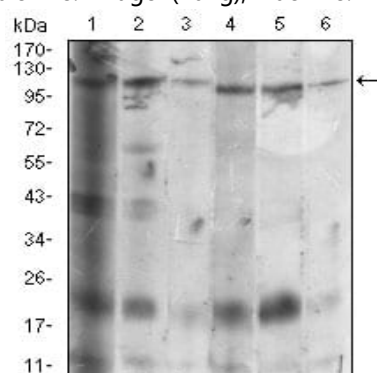
syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-1 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-1 expression has been detected in several different tumor types. While several transcript variants may exist for this gene, the full-length nature of only two have been described to date. These two represent the major variants of this gene and encode the same protein.

研究领域 (Research Area)

图片 (Image Data)

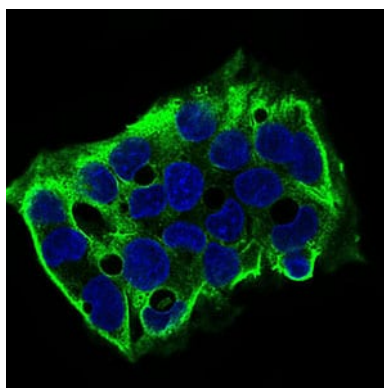


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

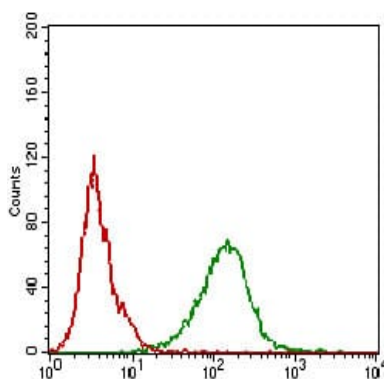


Western blot analysis using SDC1 mouse mAb against Hela (1), MCF-7 (2), HepG2 (3), T47D (4), Jurkat (5), NIH/3T3 (6) cell lysate.

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Immunofluorescence analysis of HepG2 cells using SDC1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of A431 cells using SDC1 mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .