

产品名称: CD99 Mouse Monoclonal Antibody
产品货号: AMM82504



产品概述 (Summary)

产品名称 (Production Name)	CD99 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

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)	CD99
别名 (Alternative Names)	MIC2; HBA71; MIC2X; MIC2Y; MSK5X
基因 ID (Gene ID)	4267.0
蛋白 ID (SwissProt ID)	P14209 .Purified recombinant fragment of human CD99 (AA: 1-185) 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)	18.8kDa

研究背景 (Background)

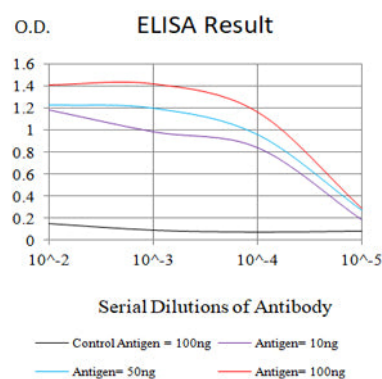
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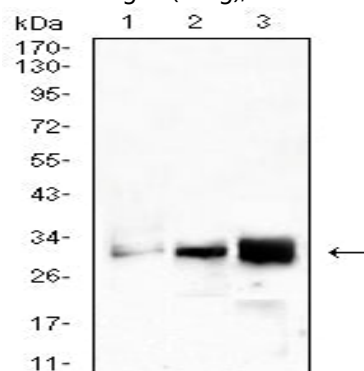
The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. There is a related pseudogene located immediately adjacent to this locus.

研究领域 (Research Area)

图片 (Image Data)

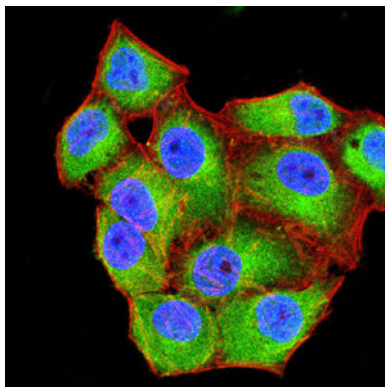


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

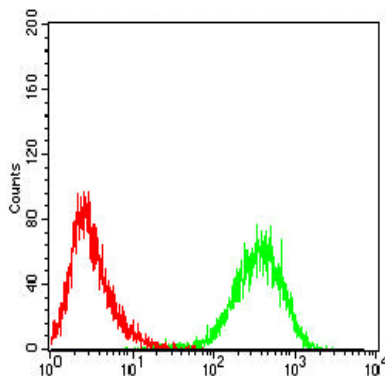


Western blot analysis using CD99 mouse mAb against THP-1 (1), U937 (2), and MOLT4 (3) cell lysate.

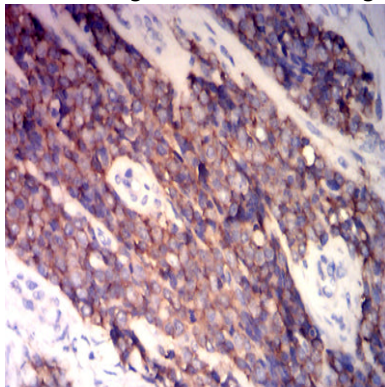
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Immunofluorescence analysis of HeLa cells using CD99 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

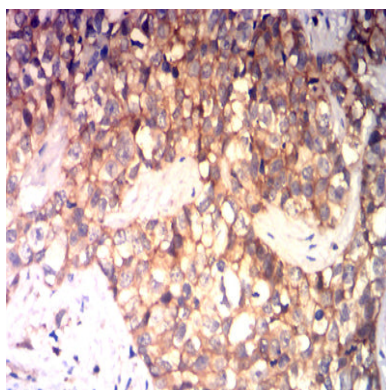


Flow cytometric analysis of Jurkat cells using CD99 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human ewing sarcoma tissues using CD99 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CD99 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .