

产品名称: CD2 Mouse Monoclonal Antibody
产品货号: AMM81687



产品概述 (Summary)

产品名称 (Production Name)	CD2 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)	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)	CD2
别名 (Alternative Names)	T11; SRBC; LFA-2
基因 ID (Gene ID)	914.0
蛋白 ID (SwissProt ID)	P06729.Purified recombinant fragment of human CD2 (AA: 25-140) 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)	39.4kDa

研究背景 (Background)

CD2 is a surface antigen of the human T-lymphocyte lineage that is expressed on all peripheral blood T cells (summarized

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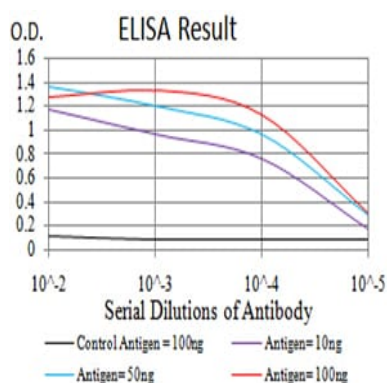


by Sewell et al., 1986 [PubMed 3490670]). It is one of the earliest T-cell markers, being present on more than 95% of thymocytes; it is also found on some natural killer cells but not on B lymphocytes. Monoclonal antibodies directed against CD2 inhibit the formation of rosettes with sheep erythrocytes, indicating that CD2 is the erythrocyte receptor or is closely associated with it.

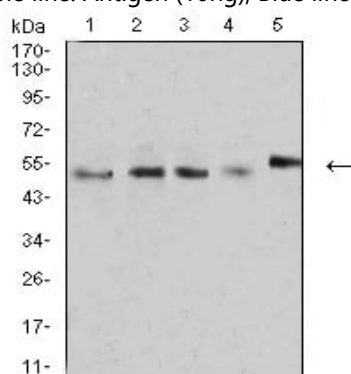
研究领域 (Research Area)

TGF-beta signaling pathway

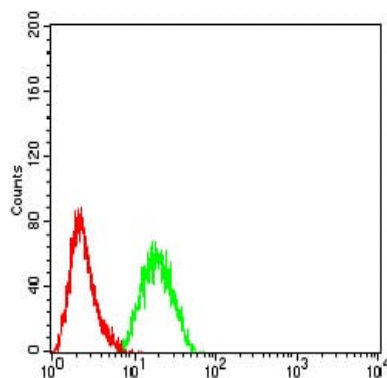
图片 (Image Data)



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



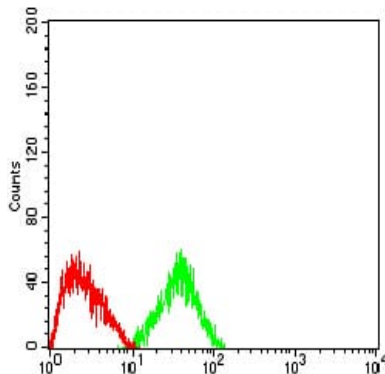
Western blot analysis using CD2 mouse mAb against MOLT4 (1), MCF-7 (2), L1210 (3), U937 (4), and NIH3T3 (5) cell lysate.



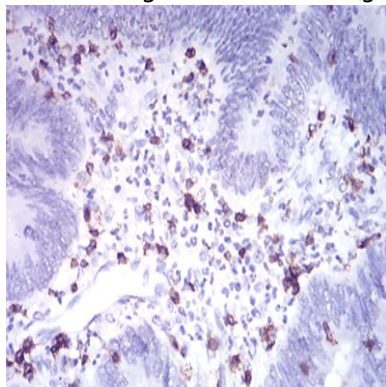
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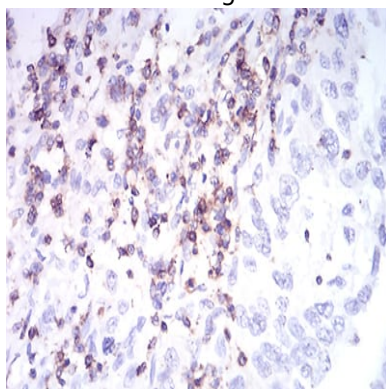
Flow cytometric analysis of Hela cells using CD2 mouse mAb (green) and negative control (red).



Flow cytometric analysis of HepG2 cells using CD2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CD2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using CD2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .