

产品名称: ALCAM Mouse Monoclonal Antibody
产品货号: AMM81230



产品概述 (Summary)

产品名称 (Production Name)	ALCAM Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	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 IgG2a
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)	ALCAM
别名 (Alternative Names)	MEMD; CD166; FLJ38514; MGC71733
基因 ID (Gene ID)	214.0
蛋白 ID (SwissProt ID)	Q13740. Purified recombinant fragment of human ALCAM (AA: 48-216) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	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)	65.1kDa

研究背景 (Background)

This gene encodes activated leukocyte cell adhesion molecule (ALCAM), also known as CD166 (cluster of differentiation

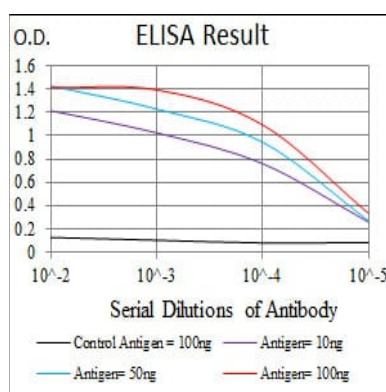
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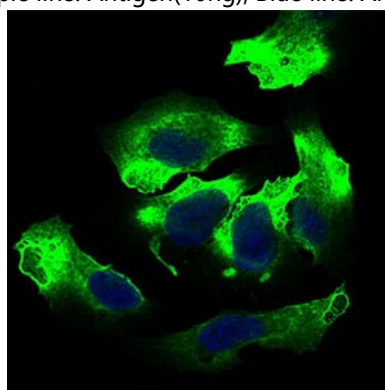
166), which is a member of a subfamily of immunoglobulin receptors with five immunoglobulin-like domains (VVC2C2C2) in the extracellular domain. This protein binds to T-cell differentiation antigen CD6, and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found.

研究领域 (Research Area)

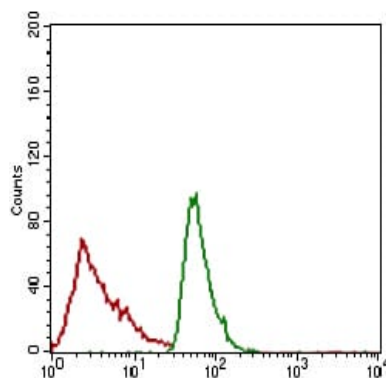
图片 (Image Data)



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



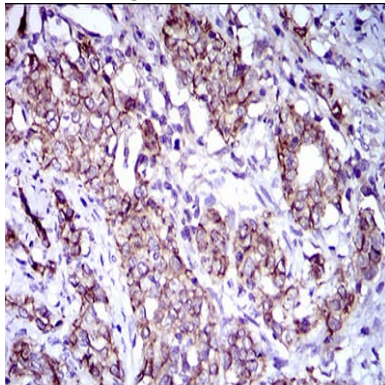
Immunofluorescence analysis of HeLa cells using ALCAM mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



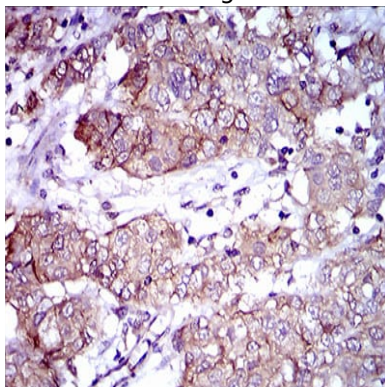
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Flow cytometric analysis of JURKAT cells using ALCAM mouse mAb (green) and negative control (red).



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



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

注意事项 (Note)

For research use only .