

产品名称: CD22 Mouse Monoclonal Antibody
产品货号: AMM81263



产品概述 (Summary)

产品名称 (Production Name)	CD22 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)	CD22
别名 (Alternative Names)	SIGLEC2; SIGLEC-2
基因 ID (Gene ID)	933.0
蛋白 ID (SwissProt ID)	P20273.Purified recombinant fragment of human CD22 (AA: 621-725) 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 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	95.3kDa

研究背景 (Background)

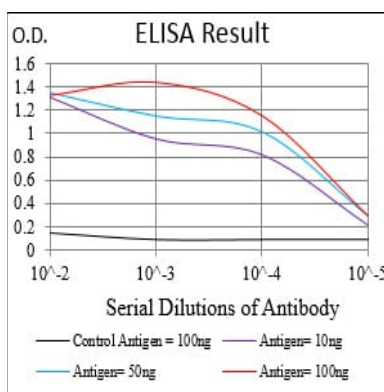
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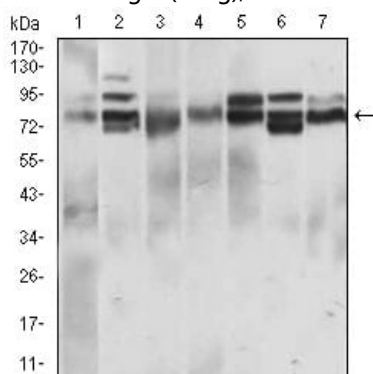
CD22 may be involved in the localization of B-cells in lymphoid tissues. Binds sialylated glycoproteins; one of which is CD45. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response seems to be involved in regulation of B-cell antigen receptor signaling. Plays a role in positive regulation through interaction with Src family tyrosine kinases and may also act as an inhibitory receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules

研究领域 (Research Area)

图片 (Image Data)

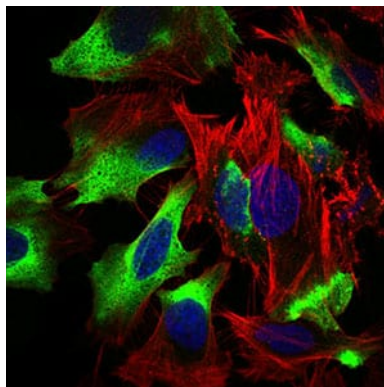


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

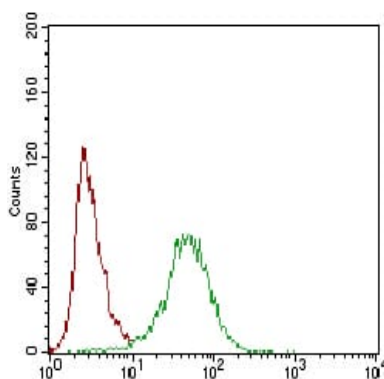


Western blot analysis using CD22 mouse mAb against L1210 (1), HeLa (2), HEK293 (3), Jurkat (4), OCM-1 (5), A432 (6) and NIH/3T3 (7) cell lysate.

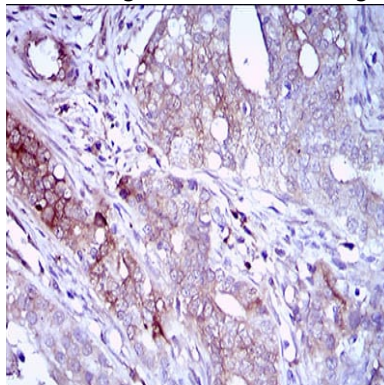
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Immunofluorescence analysis of HeLa cells using CD22 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

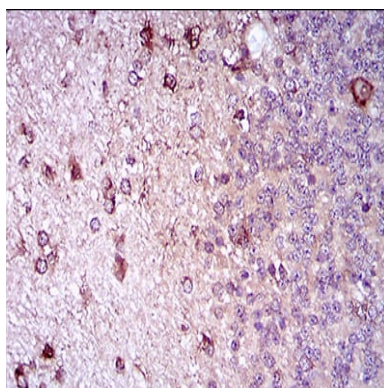


Flow cytometric analysis of HeLa cells using CD22 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CD22 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human cerebellum tissues using CD22 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .