

产品名称: CD172b Mouse Monoclonal Antibody
产品货号: AMM82763



产品概述 (Summary)

产品名称 (Production Name)	CD172b 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 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)	CD172b
别名 (Alternative Names)	SIRPB1; SIRP-BETA-1
基因 ID (Gene ID)	10326.0
蛋白 ID (SwissProt ID)	O00241. Purified recombinant fragment of human CD172b (AA: extra 72-309) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	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)	43.2kDa

研究背景 (Background)

The protein encoded by this gene is a member of the signal-regulatory-protein (SIRP) family, and also belongs to the

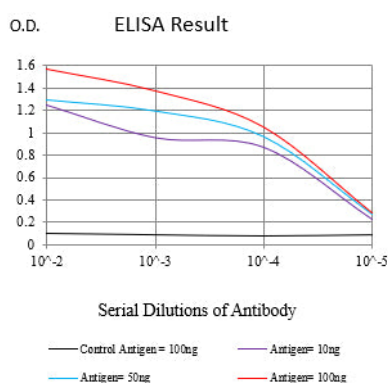
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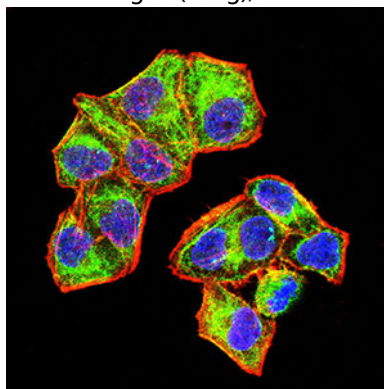
immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. This protein was found to interact with TYROBP/DAP12, a protein bearing immunoreceptor tyrosine-based activation motifs. This protein was also reported to participate in the recruitment of tyrosine kinase SYK. Multiple transcript variants encoding different isoforms have been found for this gene.

研究领域 (Research Area)

图片 (Image Data)

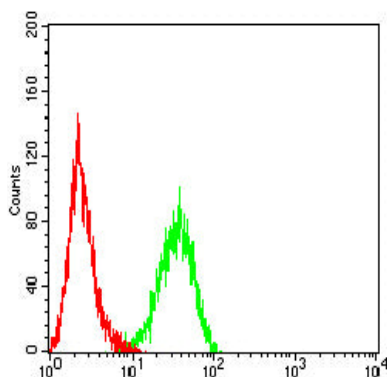


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

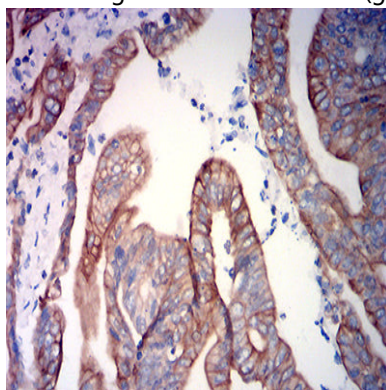


Immunofluorescence analysis of HeLa cells using CD172b mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

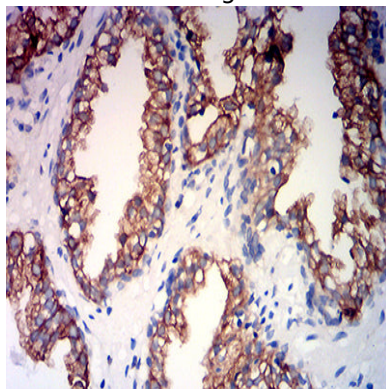
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Flow cytometric analysis of K562 cells using CD172b mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using CD172b mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using CD172b mouse mAb with DAB staining.

注意事项 (Note)

For research use only .