

产品名称: PD1 Mouse Monoclonal Antibody
产品货号: AMM82043



产品概述 (Summary)

产品名称 (Production Name)	PD1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	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)	PD1
别名 (Alternative Names)	PDCD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1
基因 ID (Gene ID)	5133.0
蛋白 ID (SwissProt ID)	Q15116.Purified recombinant fragment of human PD1 (AA: extra 21-170) expressed in HEK293 cells.

产品应用 (Application)

稀释比 (Dilution Ratio)	ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	31.6KD

研究背景 (Background)

This gene encodes a cell surface membrane protein of the immunoglobulin superfamily. This protein is expressed in pro-B-

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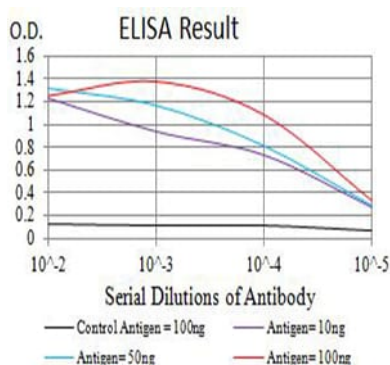


cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo apoptosis. Mice deficient for this gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure. These studies suggest that this gene product may also be important in T cell function and contribute to the prevention of autoimmune diseases.

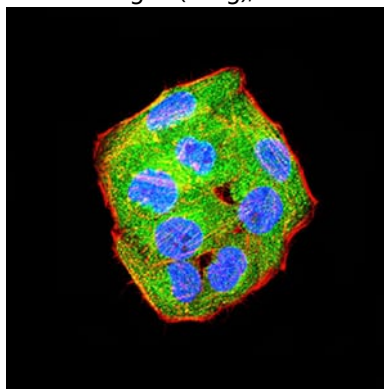
研究领域 (Research Area)

Apoptosis

图片 (Image Data)

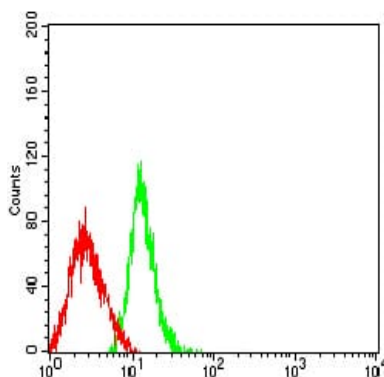


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Immunofluorescence analysis of HeLa cells using PD1 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 HL-60 cells using PD1 mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .