

产品名称: CD274 Mouse Monoclonal Antibody
产品货号: AMM82137



产品概述 (Summary)

产品名称 (Production Name)	CD274 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,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 IgG2b
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)	CD274
别名 (Alternative Names)	B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1
基因 ID (Gene ID)	29126.0
蛋白 ID (SwissProt ID)	Q9NZQ7.Purified recombinant fragment of human CD274 (AA: 24-153) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	33.3kDa

研究背景 (Background)

This gene encodes an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells,

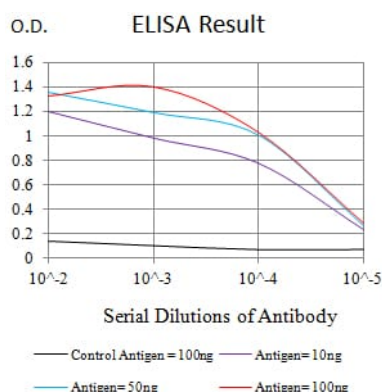
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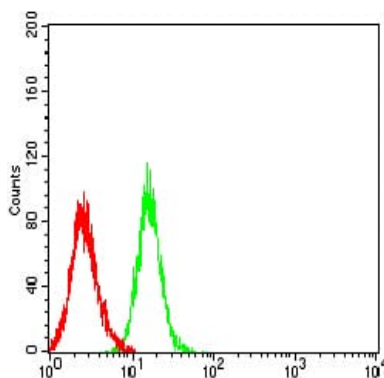
such as T cells and B cells and various types of tumor cells. The encoded protein is a type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T-cell inactivation. Expression of this gene in tumor cells is considered to be prognostic in many types of human malignancies, including colon cancer and renal cell carcinoma. Alternative splicing results in multiple transcript variants.

研究领域 (Research Area)

图片 (Image Data)

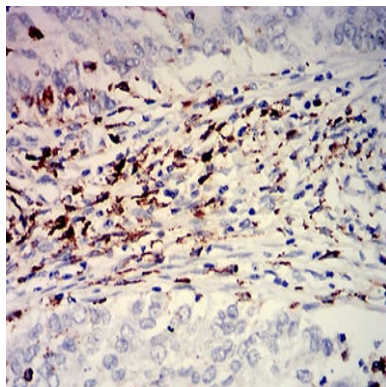


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

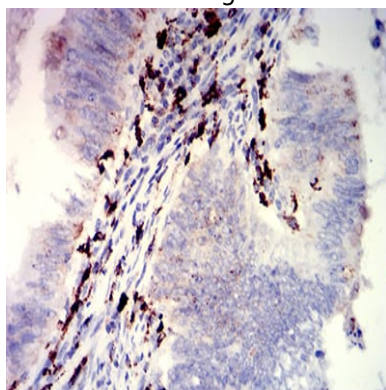


Flow cytometric analysis of HL-60 cells using CD274 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CD274 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CD274 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .