

产品名称: HLA-DPA1 Mouse Monoclonal Antibody
产品货号: AMM82971



产品概述 (Summary)

产品名称 (Production Name)	HLA-DPA1 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, Rat

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)	HLA-DPA1
别名 (Alternative Names)	DPA1; PLT1; HLADP; HLASB; DP(W3); DP(W4); HLA-DPA; HLA-DP1A; HLA-DPB1
基因 ID (Gene ID)	3113.0
蛋白 ID (SwissProt ID)	P20036.Purified recombinant fragment of human HLA-DPA1 (AA: 29-209) 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)	29.3kDa

研究背景 (Background)

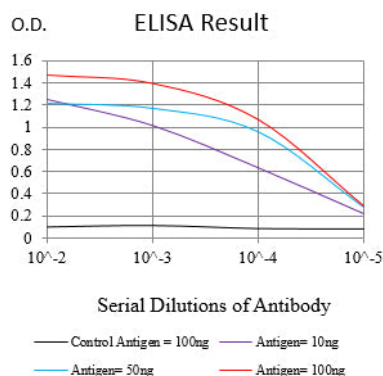
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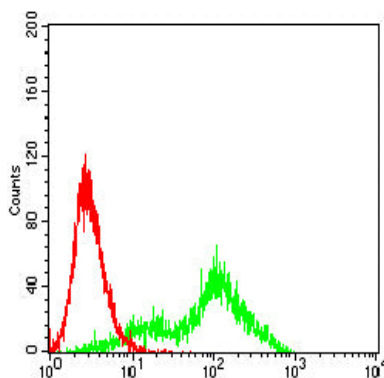
HLA-DPA1 belongs to the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DPA) and a beta (DPB) chain, both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The alpha chain is approximately 33-35 kDa and its gene contains 5 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and the cytoplasmic tail. Within the DP molecule both the alpha chain and the beta chain contain the polymorphisms specifying the peptide binding specificities, resulting in up to 4 different molecules.

研究领域 (Research Area)

图片 (Image Data)

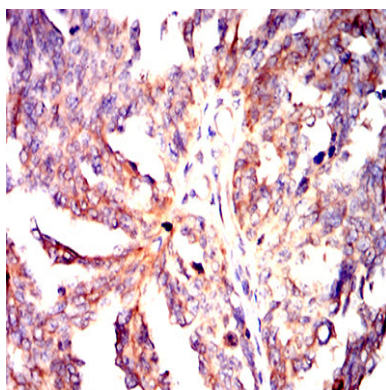


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

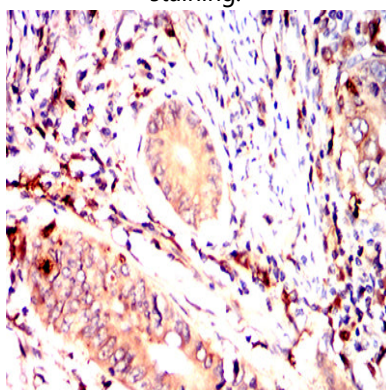


Flow cytometric analysis of Hela cells using HLA-DPA1 mouse mAb (green) and negative control (red).

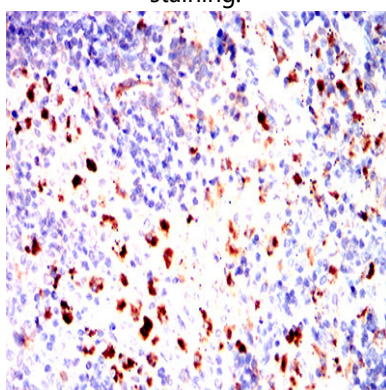
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Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using HLA-DPA1 mouse mAb with DAB staining.

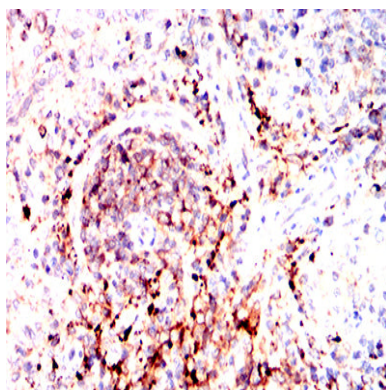


Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using HLA-DPA1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rat spleen tissues using HLA-DPA1 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded rabbit spleen tissues using HLA-DPA1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .