

产品名称: HLA-F Mouse Monoclonal Antibody
产品货号: AMM82810



产品概述 (Summary)

产品名称 (Production Name)	HLA-F Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ELISA,FC
种属反应性 (Reactivity)	Human, Mouse, 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-F
别名 (Alternative Names)	HLAF; CDA12; HLA-5.4; HLA-CDA12
基因 ID (Gene ID)	3134.0
蛋白 ID (SwissProt ID)	P30511.Purified recombinant fragment of human HLA-F (AA: 22-305) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	39kDa

研究背景 (Background)

This gene belongs to the HLA class I heavy chain paralogues. It encodes a non-classical heavy chain that forms a

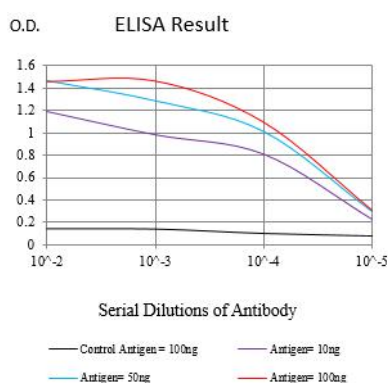
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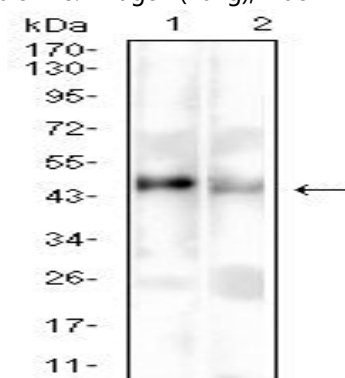
heterodimer with a beta-2 microglobulin light chain, with the heavy chain anchored in the membrane. Unlike most other HLA heavy chains, this molecule is localized in the endoplasmic reticulum and Golgi apparatus, with a small amount present at the cell surface in some cell types. It contains a divergent peptide-binding groove, and is thought to bind a restricted subset of peptides for immune presentation. This gene exhibits few polymorphisms. Multiple transcript variants encoding different isoforms have been found for this gene. These variants lack a coding exon found in transcripts from other HLA paralogues due to an altered splice acceptor site, resulting in a shorter cytoplasmic domain.

研究领域 (Research Area)

图片 (Image Data)

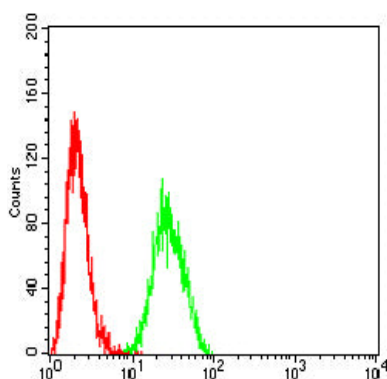


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using HLA-F mouse mAb against Mouse Liver (1) and Rat Liver (2) tissue lysate.

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Flow cytometric analysis of THP-1 cells using HLA-F mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .