

产品名称: HPRT1 Mouse Monoclonal Antibody
产品货号: AMM81372



产品概述 (Summary)

产品名称 (Production Name)	HPRT1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,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 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)	HPRT1
别名 (Alternative Names)	HPRT; HGPRT
基因 ID (Gene ID)	3251.0
蛋白 ID (SwissProt ID)	P00492.Purified recombinant fragment of human HPRT1 (AA: FULL(1-218)) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	24.6kDa

研究背景 (Background)

The protein encoded by this gene is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate

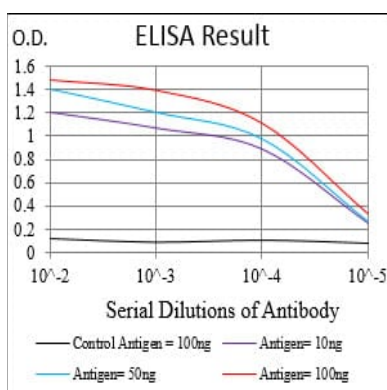
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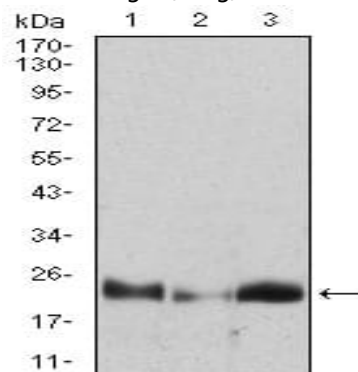
and guanine to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate. This enzyme plays a central role in the generation of purine nucleotides through the purine salvage pathway. Mutations in this gene result in Lesch-Nyhan syndrome or gout.

研究领域 (Research Area)

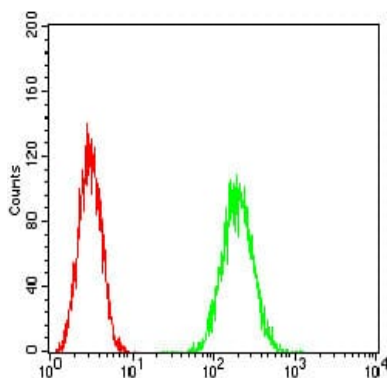
图片 (Image Data)



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

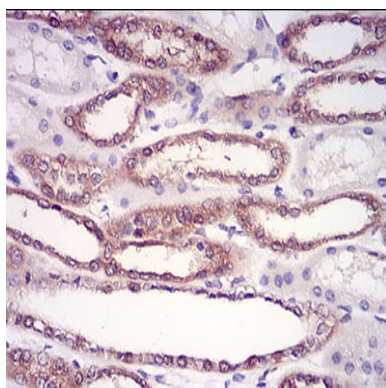


Western blot analysis using HPRT1 mouse mAb against HeLa (1), A431 (2), A549 (3) cell lysate.



Flow cytometric analysis of HeLa cells using HPRT1 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human kidney tissues using HPRT1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .