

产品名称: M6PR Mouse Monoclonal Antibody
产品货号: AMM82761



产品概述 (Summary)

产品名称 (Production Name)	M6PR 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, Mouse

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)	M6PR
别名 (Alternative Names)	SMPR; MPR46; CD-MPR; MPR 46; MPR-46; CD-M6PR
基因 ID (Gene ID)	4074.0
蛋白 ID (SwissProt ID)	P20645.Purified recombinant fragment of human M6PR (AA: 124-277) 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)	30.9kDa

研究背景 (Background)

This gene encodes a member of the P-type lectin family. P-type lectins play a critical role in lysosome function through the

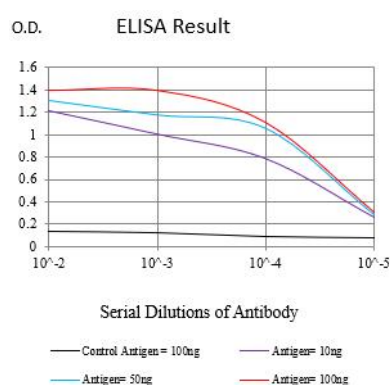
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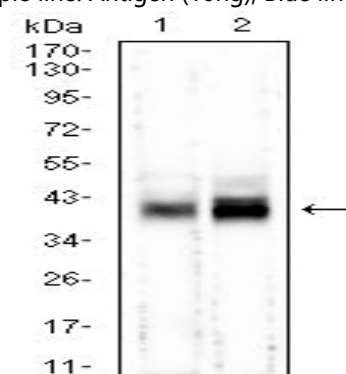
specific transport of mannose-6-phosphate-containing acid hydrolases from the Golgi complex to lysosomes. The encoded protein functions as a homodimer and requires divalent cations for ligand binding. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome X.

研究领域 (Research Area)

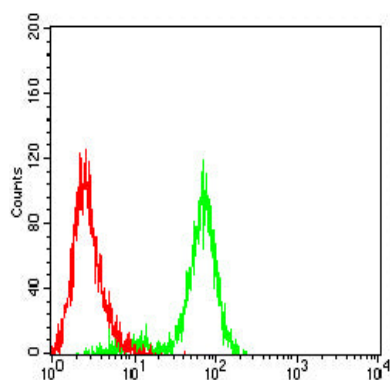
图片 (Image Data)



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



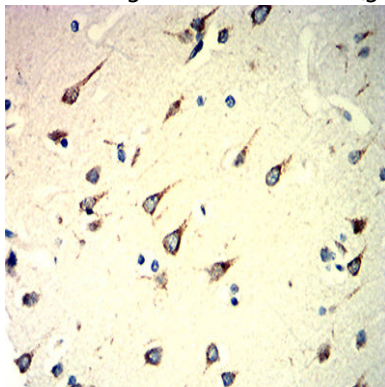
Western blot analysis using M6PR mouse mAb against mouse brain (1) and HepG2 (2) cell lysate.



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Flow cytometric analysis of Jurkat cells using M6PR mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human brain tissues using M6PR mouse mAb with DAB staining.

注意事项 (Note)

For research use only .