

产品名称: PDXK Mouse Monoclonal Antibody
产品货号: AMM82937



产品概述 (Summary)

产品名称 (Production Name)	PDXK Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,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 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)	PDXK
别名 (Alternative Names)	PKH; PNK; HMSN6C; PRED79; C21orf97; HEL-S-1a; C21orf124
基因 ID (Gene ID)	8566.0
蛋白 ID (SwissProt ID)	O00764.Purified recombinant fragment of human PDXK (AA:1-312) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:50-1:200,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	35kDa

研究背景 (Background)

The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-

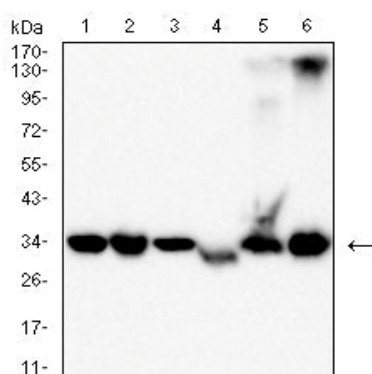
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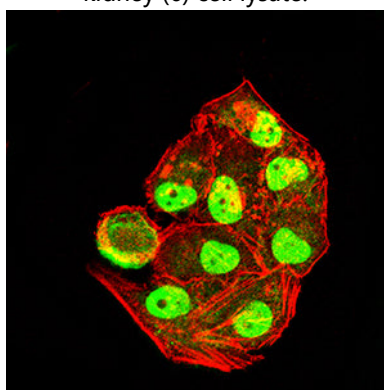
5-phosphate, an important cofactor in intermediary metabolism. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

研究领域 (Research Area)

图片 (Image Data)

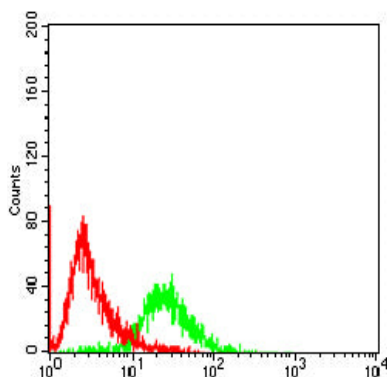


Western blot analysis using PDXK mouse mAb against Hela (1), HepG2 (2), MCF-7 (3), HEK293 (4), mouse liver (5) and mouse kidney (6) cell lysate.

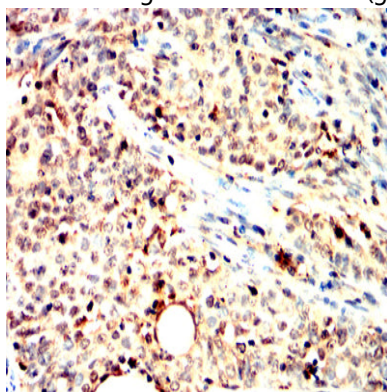


Immunofluorescence analysis of Hala cells using PDXK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

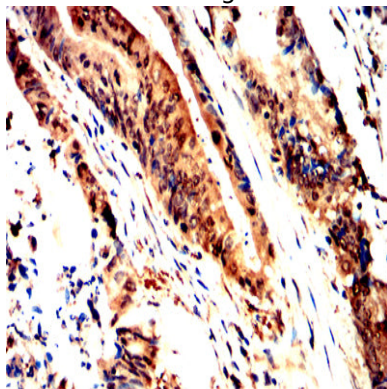
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Flow cytometric analysis of HEK293 cells using PDXK mouse mAb (green) and negative control (red).



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



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

注意事项 (Note)

For research use only .