产品名称：PCK2 Mouse Monoclonal Antibody
产品货号：AMM82290

产品概述（Summary）

产品名称（Production Name）	PCK2 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）	PCK2
别名（Alternative Names）	PEPCK; PEPCK2; PEPCK-M
基因 ID（Gene ID）	5106.0
蛋白 ID（SwissProt ID）	Q16822.Purified recombinant fragment of human PCK2 (AA: 44-175) 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）	70.7kDa

研究背景（Background）

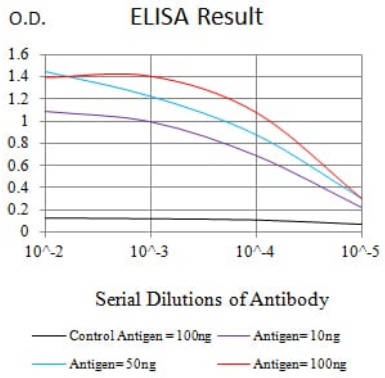
This gene encodes a mitochondrial enzyme that catalyzes the conversion of oxaloacetate to phosphoenolpyruvate in the

presence of guanosine triphosphate (GTP). A cytosolic form of this protein is encoded by a different gene and is the key enzyme of gluconeogenesis in the liver. Alternatively spliced transcript variants have been described. [provided by RefSeq, Apr 2014]

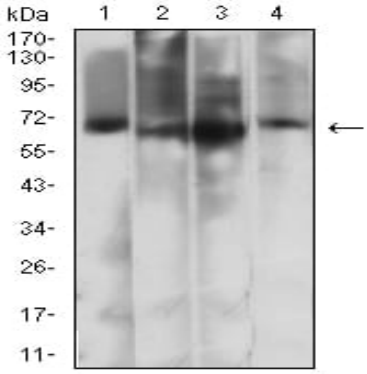
研究领域（Research Area）

PI3K-Akt signaling pathway

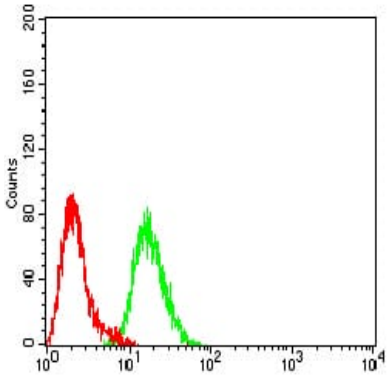
图片（Image Data）



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



Western blot analysis using PCK2 mouse mAb against Jurkat (1), Hela (2), HEK293 (3), and HL-60 (4) cell lysate.



Flow cytometric analysis of Hela cells using PCK2 mouse mAb (green) and negative control (red).

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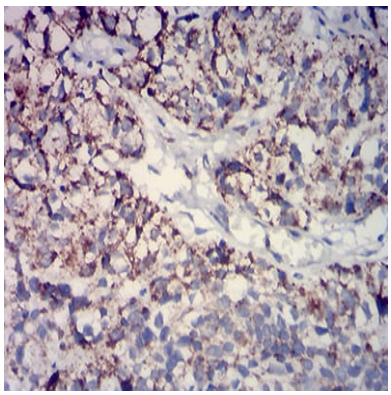
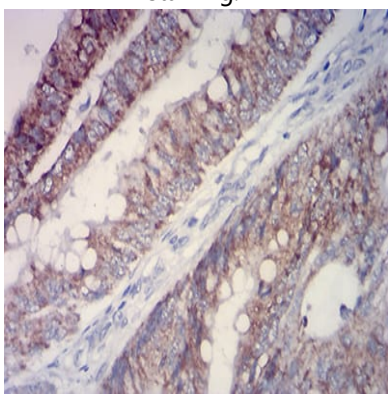


Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using PCK2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using PCK2 mouse mAb with DAB staining.

注意事项（Note）

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