



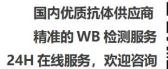
## PEPCK-C Monoclonal Antibody

Catalog No	BYmab-04325
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PCK1
Protein Name	Phosphoenolpyruvate carboxykinase cytosolic [GTP]
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human PCK1. AA range:491-540
Specificity	PEPCK-C Monoclonal Antibody detects endogenous levels of PEPCK-C protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
	i ing/iii
Purity	≥90%
Purity	≥90%
Purity Storage Stability	≥90%  -20°C/1 year  PCK1; PEPCK1; Phosphoenolpyruvate carboxykinase, cytosolic [GTP];
Purity Storage Stability Synonyms	≥90%  -20°C/1 year  PCK1; PEPCK1; Phosphoenolpyruvate carboxykinase, cytosolic [GTP]; PEPCK-C; Phosphoenolpyruvate carboxylase
Purity Storage Stability Synonyms Observed Band	≥90%  -20°C/1 year  PCK1; PEPCK1; Phosphoenolpyruvate carboxykinase, cytosolic [GTP]; PEPCK-C; Phosphoenolpyruvate carboxylase  65kD  Cytoplasm, cytosol . Endoplasmic reticulum . Phosphorylation at Ser-90 promotes

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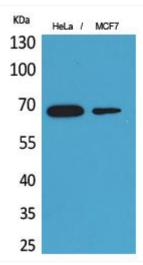






	or glucocorticoids).,function:Catalyzes the conversion of oxaloacetate (OAA) to phosphoenolpyruvate (PEP), the rate-limiti
Background	This gene is a main control point for the regulation of gluconeogenesis. The cytosolic enzyme encoded by this gene, along with GTP, catalyzes the formation of phosphoenolpyruvate from oxaloacetate, with the release of carbon dioxide and GDP. The expression of this gene can be regulated by insulin, glucocorticoids, glucagon, cAMP, and diet. Defects in this gene are a cause of cytosolic phosphoenolpyruvate carboxykinase deficiency. A mitochondrial isozyme of the encoded protein also has been characterized. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using PEPCK-C Monoclonal Antibody

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