

For Research Use Only

PCK1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87901-3-PBS



Basic Information

Catalog Number:

87901-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9720

GenBank Accession Number:

BC023978

GeneID (NCBI):

5105

UNIPROT ID:

P35558

Full Name:

phosphoenolpyruvate carboxykinase 1 (soluble)

Calculated MW:

622 aa, 69 kDa

Observed MW:

66-69 kDa

Purification Method:

Protein A purification

CloneNo.:

253526G9

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse, rat

Background Information

PCK1 (Phosphoenolpyruvate carboxykinase, cytosolic) is also named as PEPCK1 and belongs to the phosphoenolpyruvate carboxykinase [GTP] family. It catalyzes the formation of phosphoenolpyruvate from oxaloacetate, with the release of carbon dioxide and GDP. It is also a main control point for the regulation of gluconeogenesis. In eukaryotes, there are two isozymes: a cytoplasmic one and a mitochondrial one. Defects in PCK1 are the cause of cytosolic phosphoenolpyruvate carboxykinase deficiency (C-PEPCKD).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

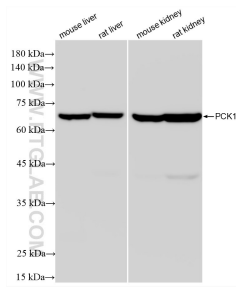
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87901-3-RR (PCK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87901-3-PBS in a different storage buffer formulation.