

Anti-PCK2 Recombinant Rabbit Monoclonal Antibody



Catalog #: 2462

Aliases

Phosphoenolpyruvate Carboxykinase 2, Mitochondrial; PEPCK2; PEPCK; Phosphoenolpyruvate Carboxykinase [GTP], Mitochondrial; EC 4.1.1.32; PEPCK-M; Phosphoenolpyruvate Carboxykinase 2 (Mitochondrial); Epididymis Secretory Sperm Binding Protein; Phosphopyruvate Carboxylase; PEP Carboxykinase

Background

Gene Name: PCK2

NCBI Gene Entry: [5106](#)

UniProt Entry: [Q16822](#)

Application Information

Molecular Weight: Predicted, 71 kDa; observed, 71 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB955

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human PCK2

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

SUPPORT

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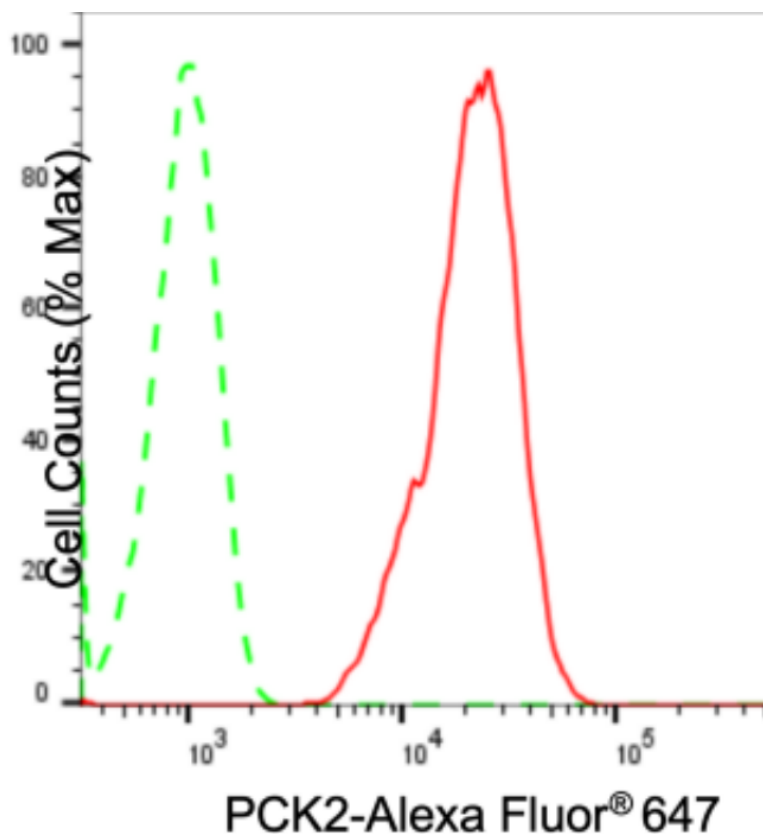
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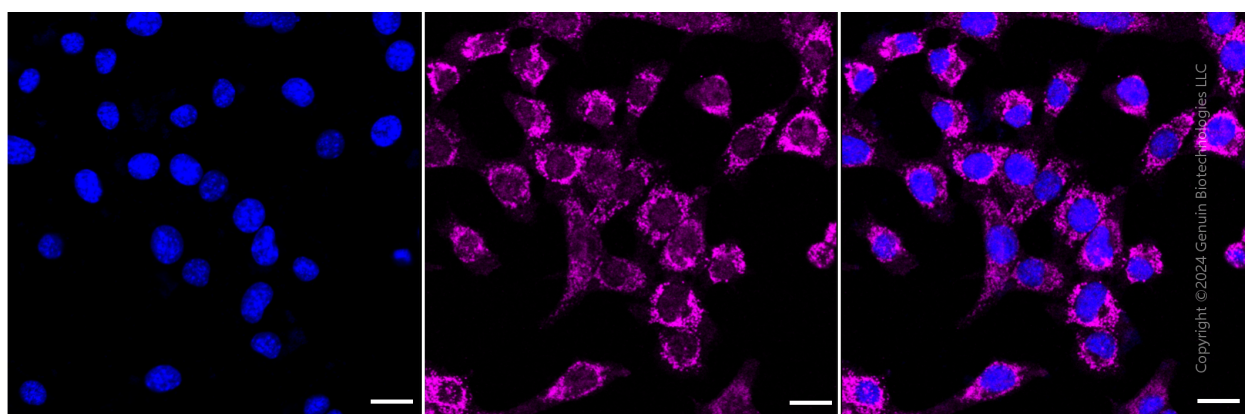
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Validation Data



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Flow cytometric analysis of PCK2 expression in C2C12 cells using anti-PCK2 antibody (Cat#2462, 1:2,000). Green, isotype control; red, PCK2.



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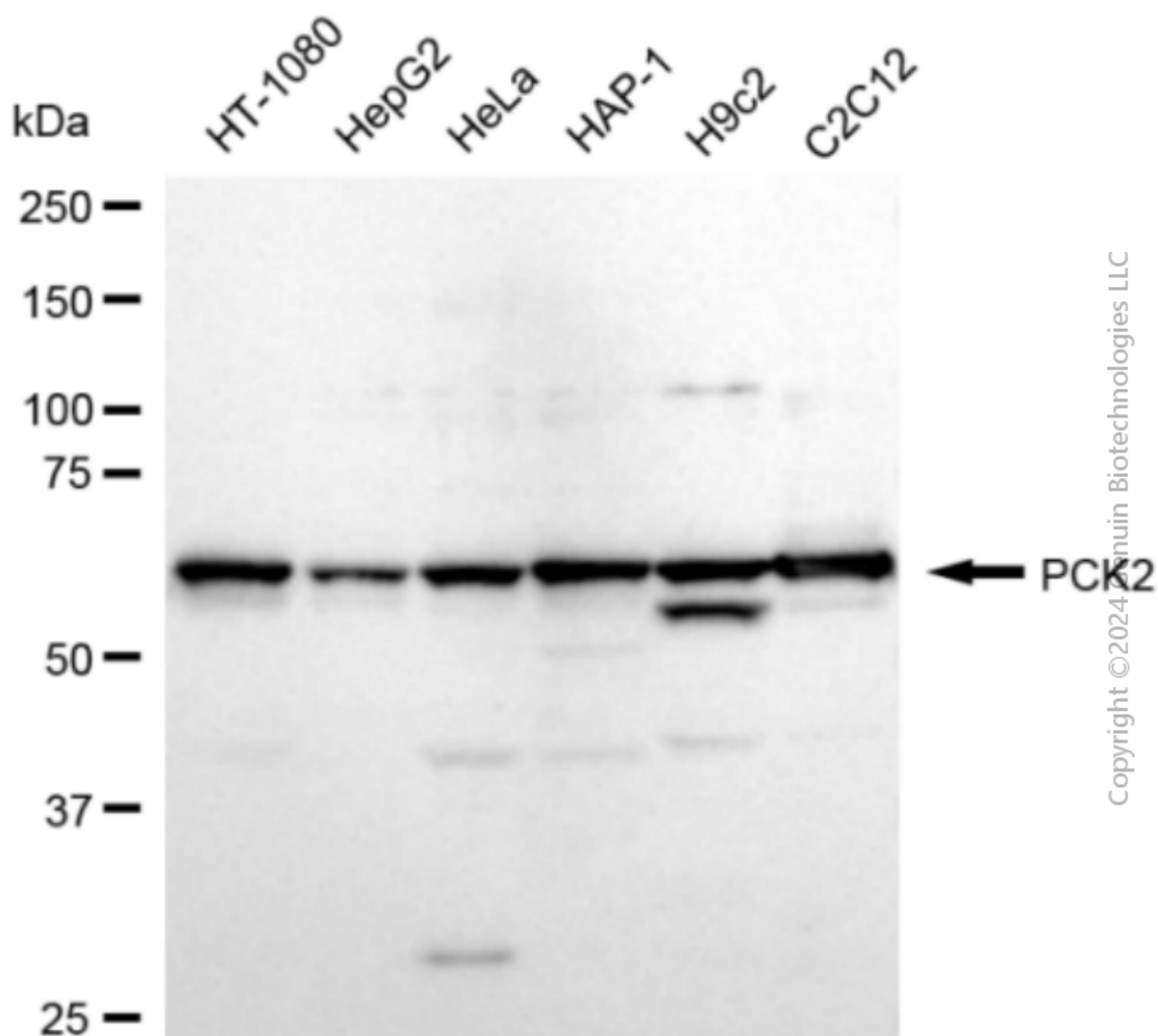
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Western blotting analysis using anti-PCK2 antibody (Cat#2462). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PCK2 antibody (Cat#2462, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).