Anti-PFKP Mouse Monoclonal Antibody

GenuIN BIOTECH
REAL MATTERS

Catalog #: 5340

Aliases

PFKP; Phosphofructokinase, Platelet; PFK-C; PFKF; ATP-Dependent 6-Phosphofructokinase, Platelet Type; Phosphofructo-1-Kinase Isozyme C; 6-Phosphofructokinase Type C; Phosphohexokinase; EC 2.7.1.11; ATP-PFK; PFK-P; 6-Phosphofructokinase, Platelet Type; Phosphofructokinase, Platelet Type; Phosphofructokinase 1; EC 2.7.1

Background

Gene Name: PFKP
NCBI Gene Entry: 5214
UniProt Entry: Q01813

Application Information

Molecular Weight: Predicted, 86 kDa; observed, 75 kDa
Clonality: Mouse monoclonal antibody
Clone ID: 25GB1040
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

Recombinant protein of human PFKP

Isotype

Mouse IgG1

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): 1:500-1:2,500
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

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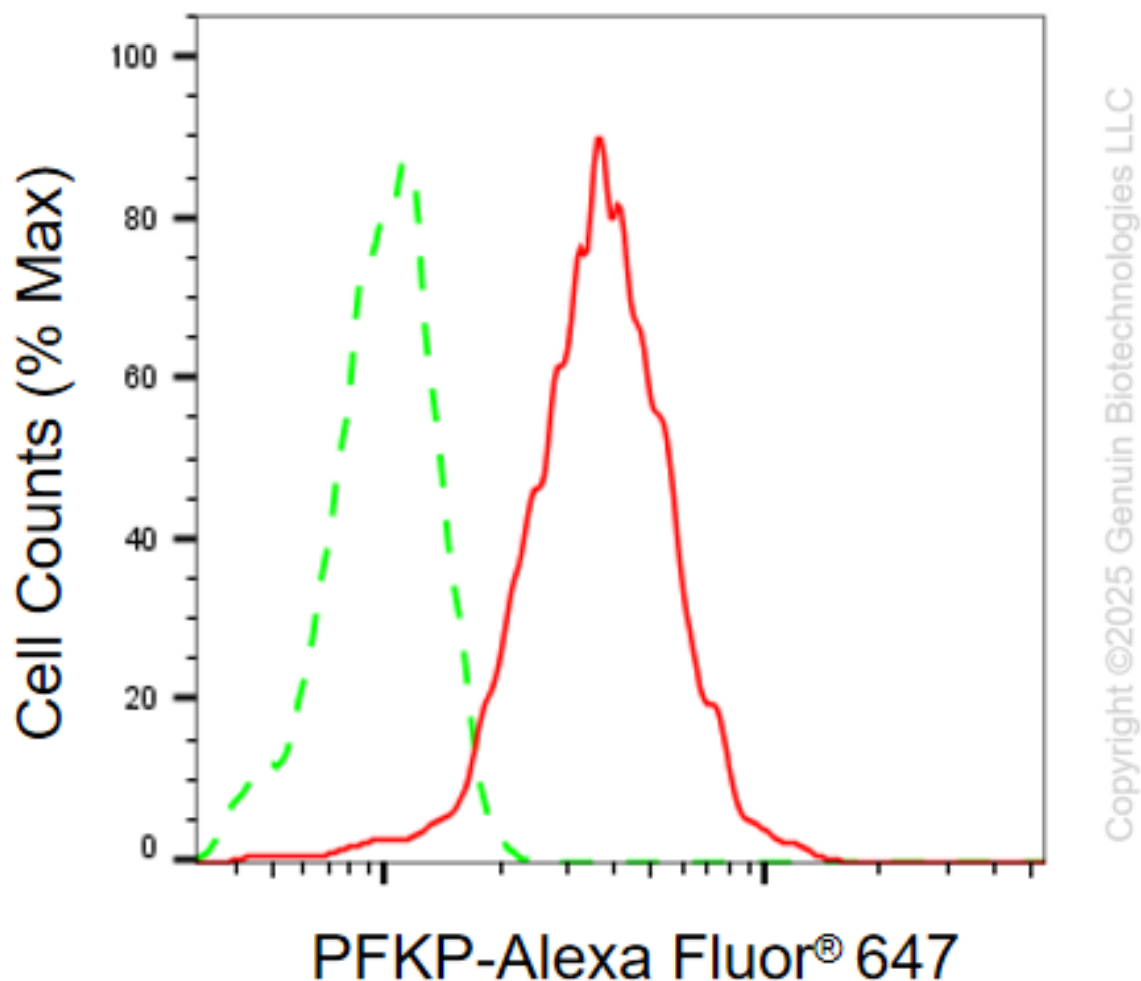SUPPORT@GENUINBIOTECH.COM
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Note: This product is for research use only.

Validation Data

Flow cytometric analysis of PFKP expression in HepG2 cells using anti-PFKP antibody (Cat#5340, 1:2,000). Green, isotype control; red, PFKP.
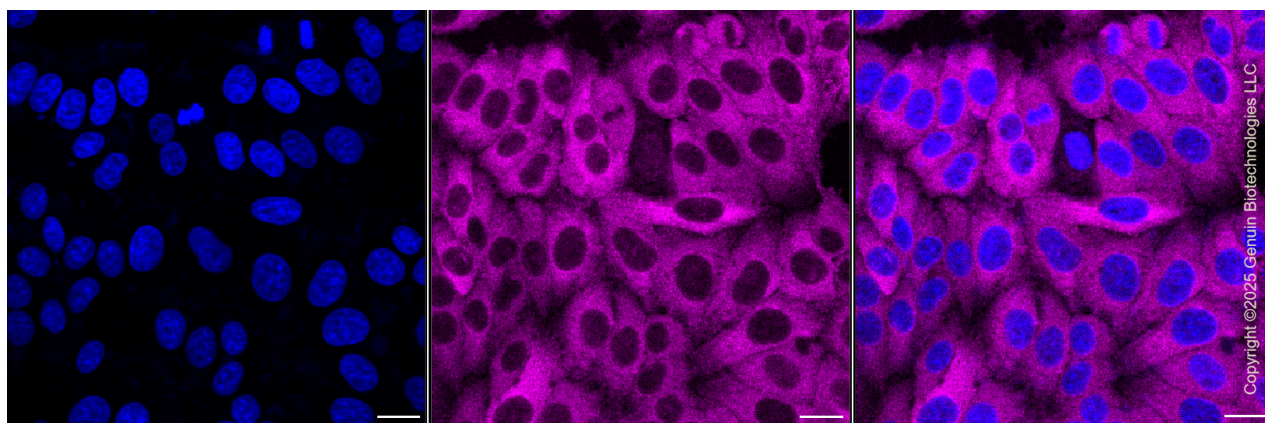
Immunocytochemical staining of HepG2 cells with anti-PFKP antibody (Cat#5340, 1:1,000). Nuclei were stained blue with DAPI; PFKP was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and Smart Gain: Medium. Scale bar, 20 μm.
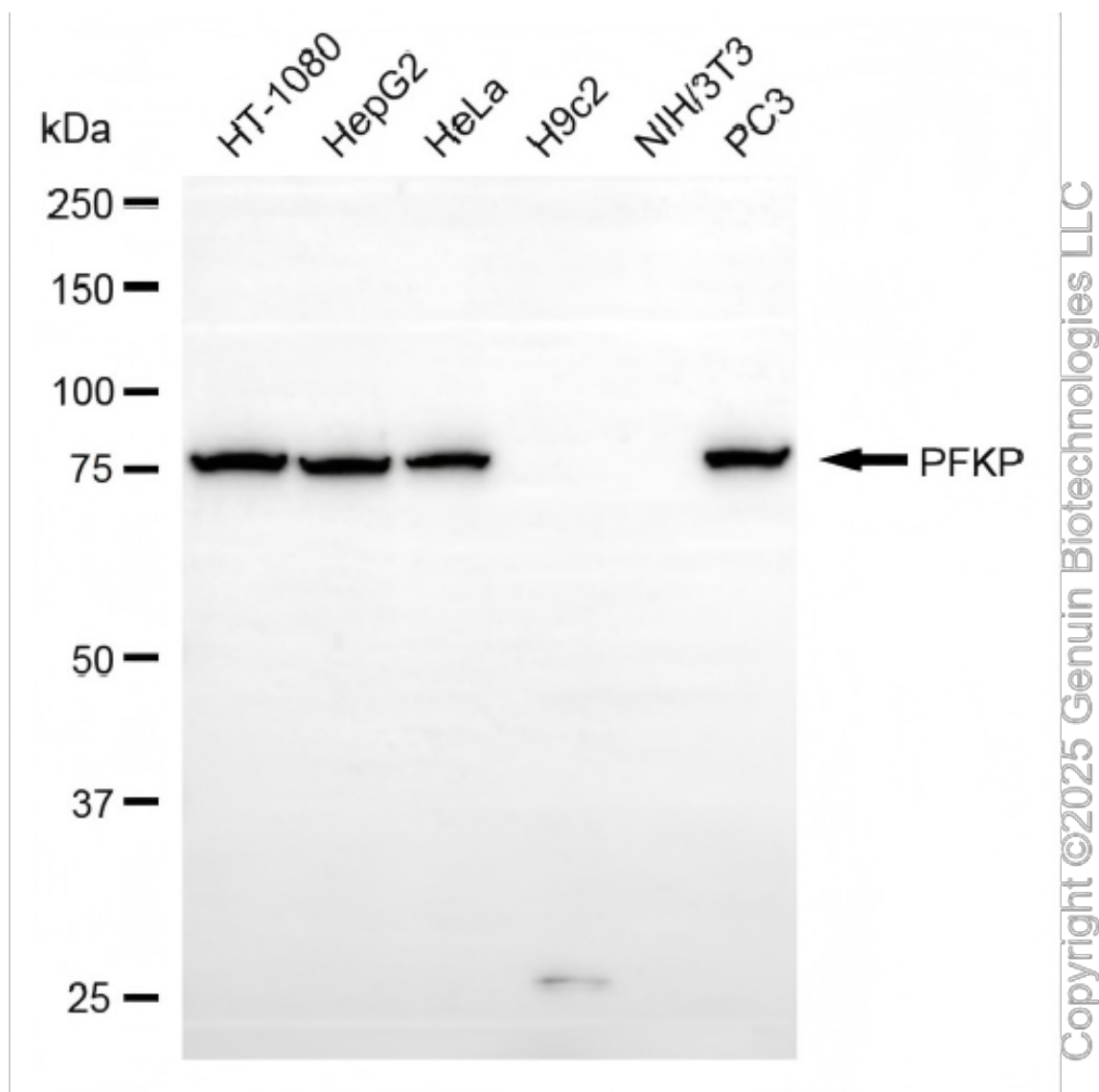
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Western blotting analysis using anti-PFKP antibody (Cat#5340). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PFKP antibody (Cat#5340, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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