

## Catalog #: 4911

### 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-; 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, 80 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB13715

Species Reactivity: Human, mouse, rat

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

### Immunogen

Recombinant protein of human PFKP

### 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

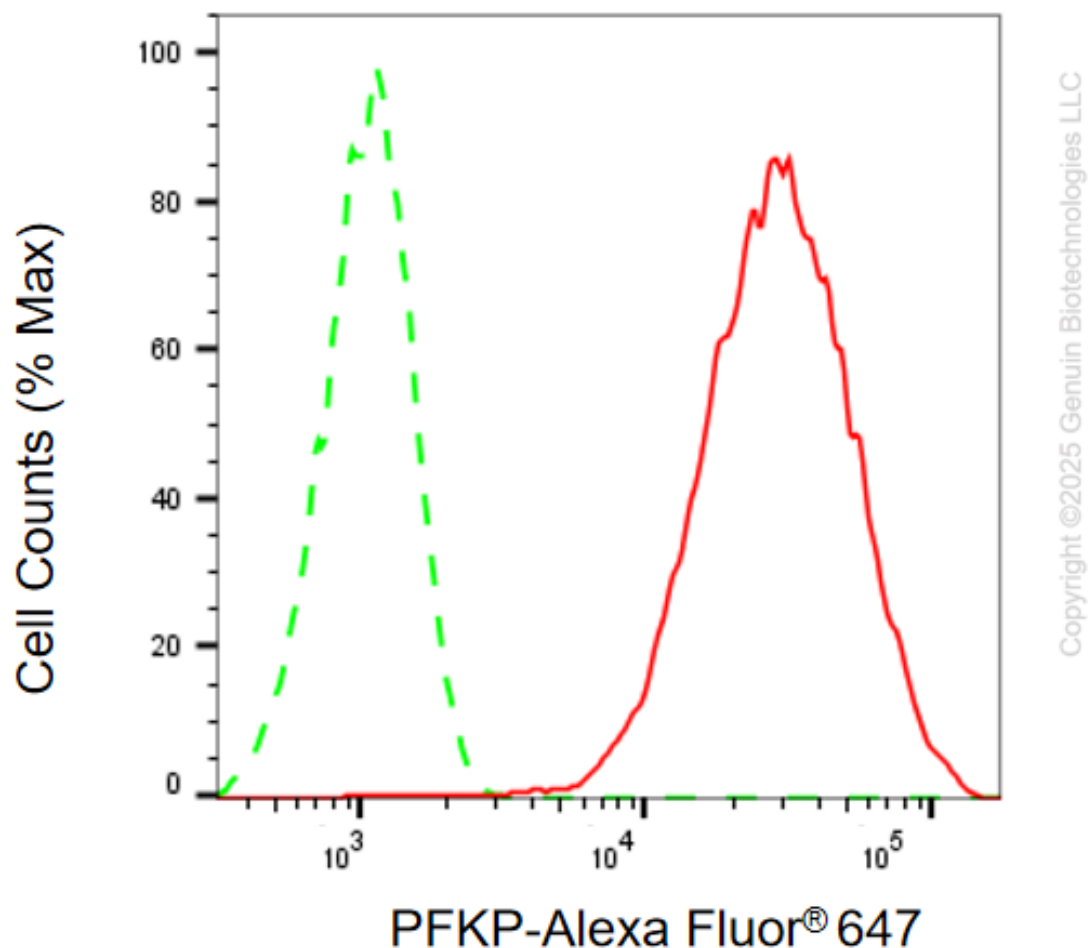
Western Blotting (WB): 1:1,000-1:5,000

Immunohistochemistry (IHC): 1:100-1:1,000

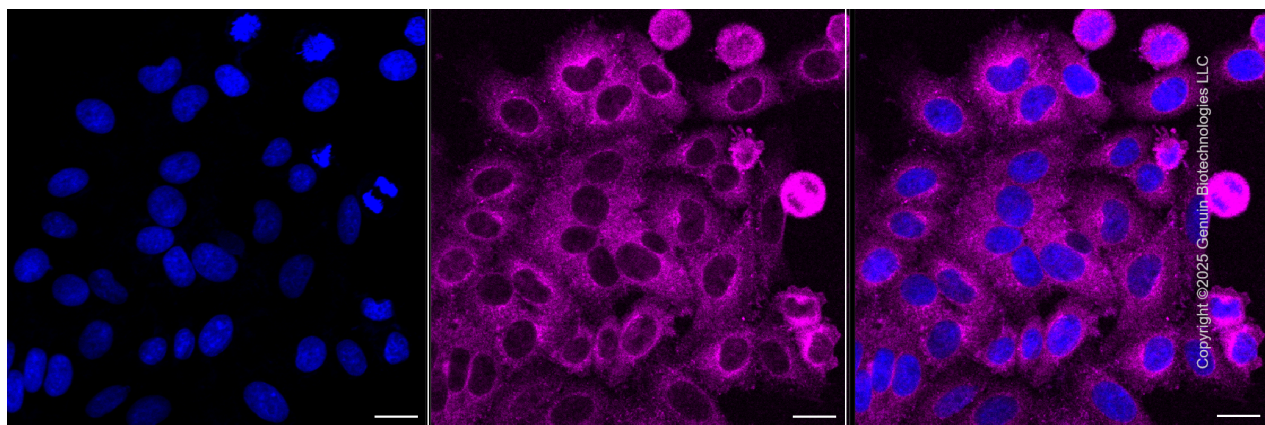
Flow Cytometry (FCM) : 1:2,000

**Note:** This product is for research use only.

## Validation Data



Flow cytometric analysis of PFKP expression in HepG2 cells using anti-PFKP antibody (Cat#4911, 1:1,000). Green, isotype control; red, PFKP.



### SUPPORT

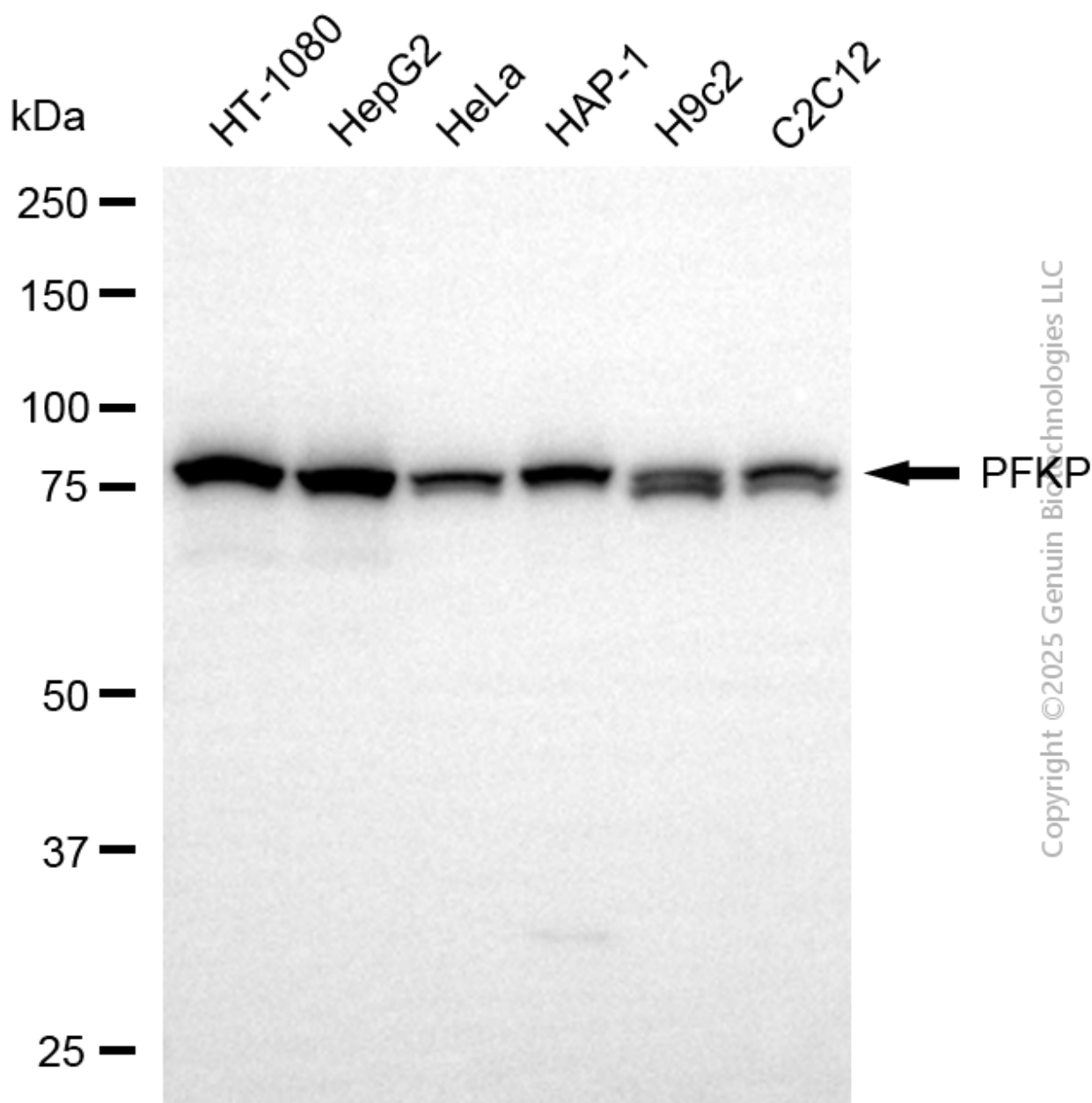
SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

Immunocytochemical staining of HepG2 cells with anti-PFKP antibody (Cat#4911, 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#4911). Total cell lysates (20 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PFKP antibody (Cat#4911, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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