9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-PFKP Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1937

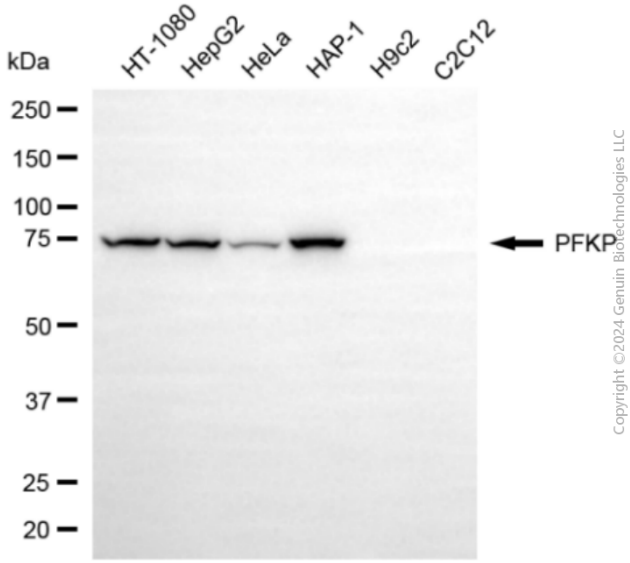
Product Overview

Name	KD-Validated Anti-PFKP Mouse Monoclonal Antibody
Accession(Primary)	Q01813
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human PFKP
Species Reactivity	Human
Calculated MW	Predicted, 86 kDa, observed, 75 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q01813)

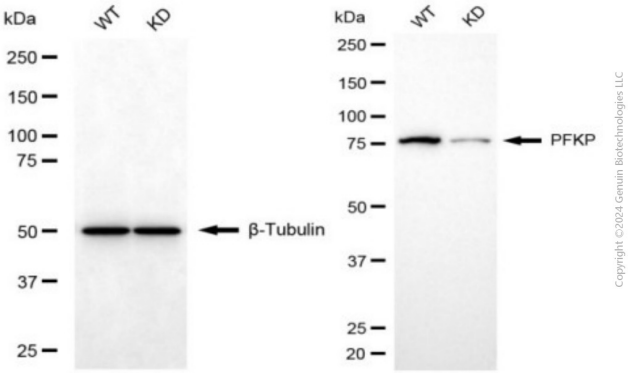
Gene Name	PFKP
About Gene Symbol	PFKP (Phosphofructokinase, Platelet) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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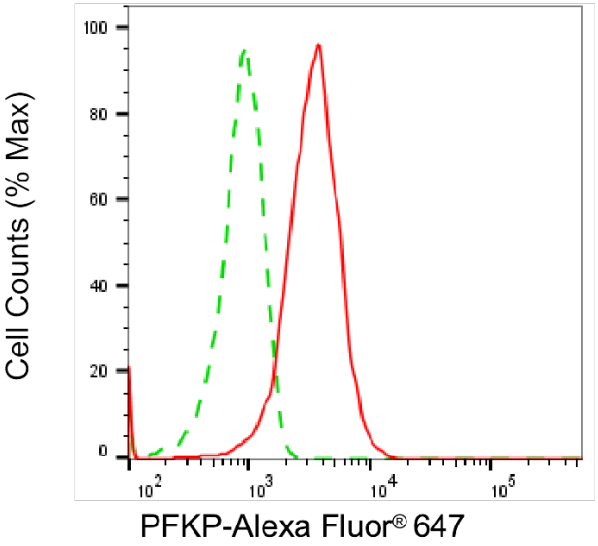
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Western blotting analysis using anti-PFKP antibody (Cat#ABG1937). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PFKP antibody (Cat#ABG1937, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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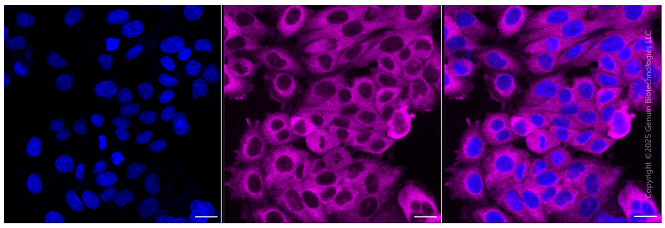
Western blotting analysis using anti-PFKP antibody (Cat#ABG1937). PFKP expression in wild type (WT) and PFKP knockdown (KD) HSHC cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-PFKP antibody (Cat#ABG1937, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of PFKP expression in HepG2 cells using anti-PFKP antibody (Cat#ABG1937, 1:2,000). Green, isotype control; red, PFKP.

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Immunocytochemical staining of HepG2 cells with anti-PFKP antibody (Cat#ABG1937, 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.