

KD-Validated Anti-PFKM Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

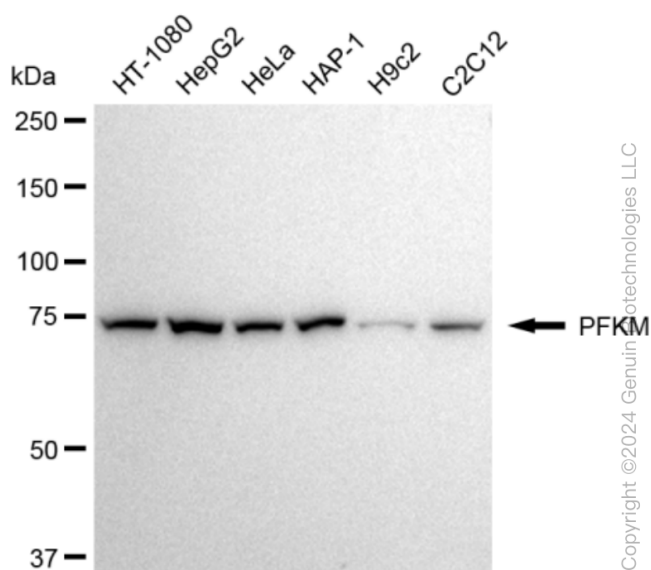
ABG1265

Product Overview

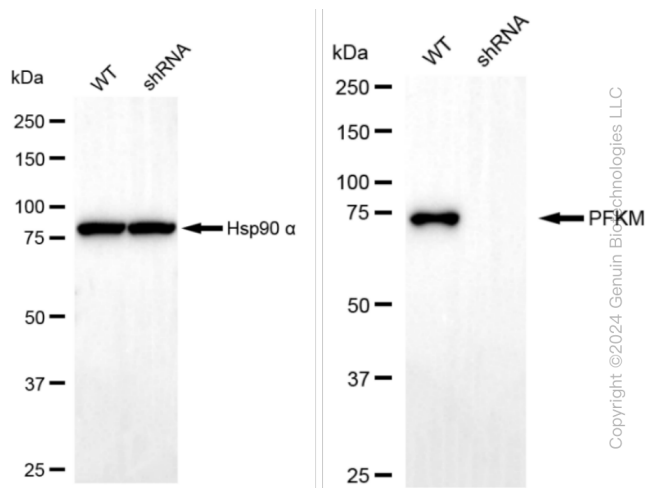
Name	KD-Validated Anti-PFKM Rabbit Monoclonal Antibody
Accession(Primary)	P08237
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Fructose 6 Phosphate Kinase
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 85 kDa, observed, 75 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): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P08237)

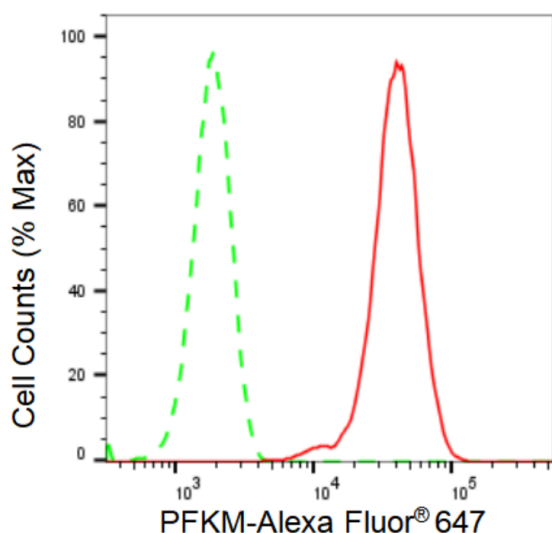
Gene Name	PFKM
About Gene Symbol	PFKM (Phosphofructokinase, Muscle) is a protein phosphatase involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify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



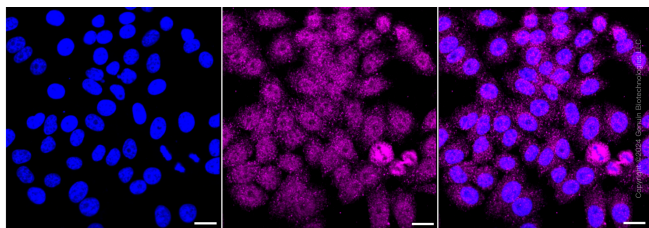
Western blotting analysis using anti-PFKM antibody (Cat#ABG1265). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PFKM antibody (Cat#ABG1265, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-PFKM antibody (Cat#ABG1265). PFKM expression in wild type (WT) and PFKM shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-PFKM antibody (Cat#ABG1265, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of PFKM expression in HepG2 cells using PFKM antibody (Cat#ABG1265, 1:2,000). Green, isotype control; red, PFKM.



Immunocytochemical staining of HepG2 cells with PFKM antibody (Cat#ABG1265, 1:1,000). Nuclei were stained blue with DAPI; PFKM 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 μ m.