

KD-Validated Anti-PKM2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

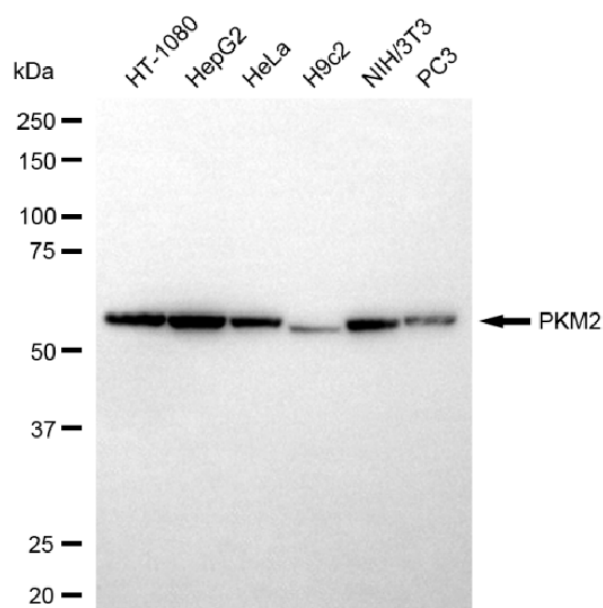
ABG1139

Product Overview

Name	KD-Validated Anti-PKM2 Rabbit Monoclonal Antibody
Accession(Primary)	P14618
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PKM2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 58 kDa; observed, 58 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

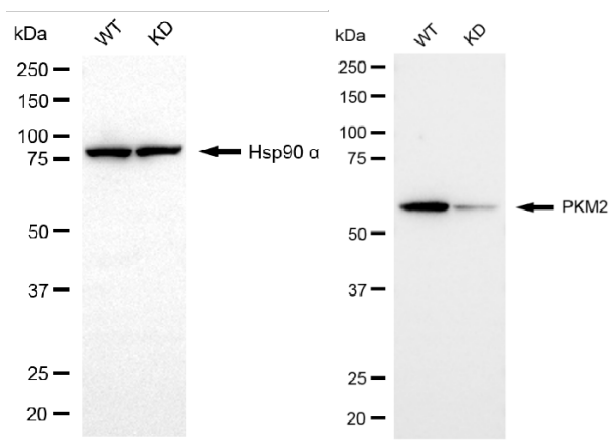
Target information (P14618)

Gene Name	PKM
About Gene Symbol	PKM (Pyruvate Kinase M1/2) is a receptor tyrosine kinase involved in cell signaling and proliferation. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



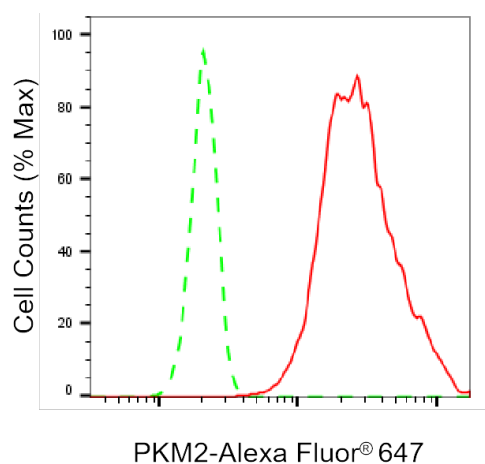
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Western blotting analysis using anti-PKM2 antibody (Cat#ABG1139). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PKM2 antibody (Cat#ABG1139, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



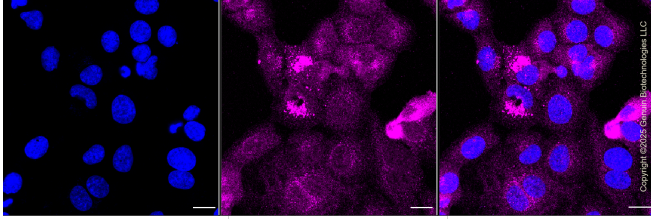
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Western blotting analysis using anti-PKM2 antibody (Cat#ABG1139). PKM2 expression in wild-type (WT) and PKM2 knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PKM2 antibody (Cat#ABG1139, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of PKM2 expression in HT-1080 cells using PKM2 antibody (Cat#ABG1139, 1:2,000). Green, isotype control; red, PKM2.



Immunocytochemical staining of C2C12 cells with anti-PKM2 antibody (Cat#ABG1139, 1:1,000).

Nuclei were stained blue with DAPI; PKM2 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.