

KD-Validated Anti-Pyruvate Dehydrogenase Kinase 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

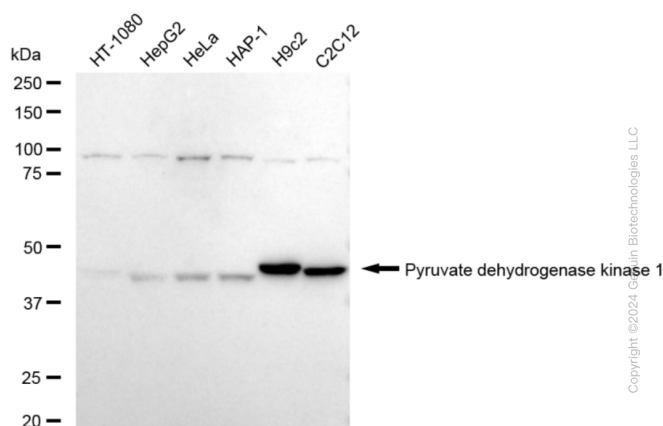
ABG1659

Product Overview

Name	KD-Validated Anti-Pyruvate Dehydrogenase Kinase 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q15118
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PDK1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 49 kDa , observed , 49 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

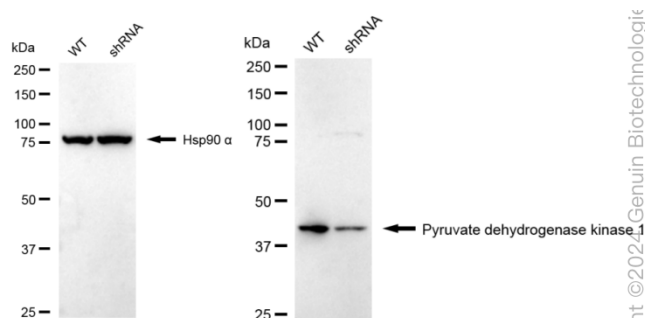
Target information (Q15118)

Gene Name	PDK1
About Gene Symbol	PDK1 (Pyruvate Dehydrogenase Kinase 1) is a metabolic dehydrogenase 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.



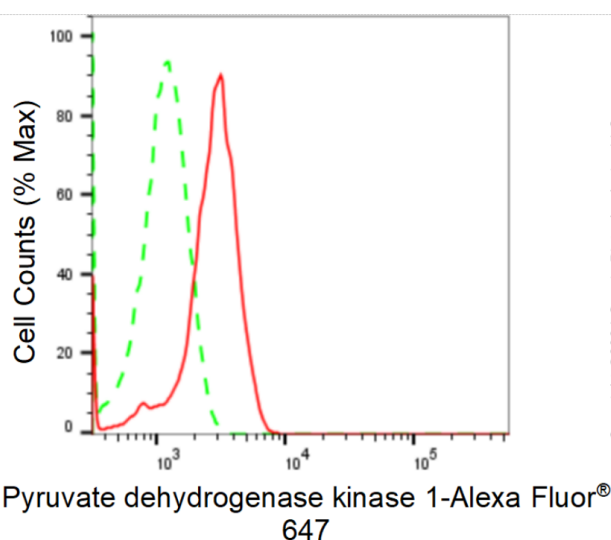
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Western blotting analysis using anti-Pyruvate dehydrogenase kinase 1 antibody (Cat#ABG1659). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Pyruvate dehydrogenase kinase 1 antibody (Cat#ABG1659, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-Pyruvate dehydrogenase kinase 1 antibody (Cat#ABG1659). Pyruvate dehydrogenase kinase 1 expression in wild type (WT) and Pyruvate dehydrogenase kinase 1 shRNA 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-Pyruvate dehydrogenase kinase 1 antibody (Cat#ABG1659, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Pyruvate dehydrogenase kinase 1 expression in H9c2 cells using anti-Pyruvate dehydrogenase kinase 1 antibody (Cat#ABG1659, 1:2,000). Green, isotype control; red, Pyruvate dehydrogenase kinase 1.