

KD-Validated Anti-PDPK1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

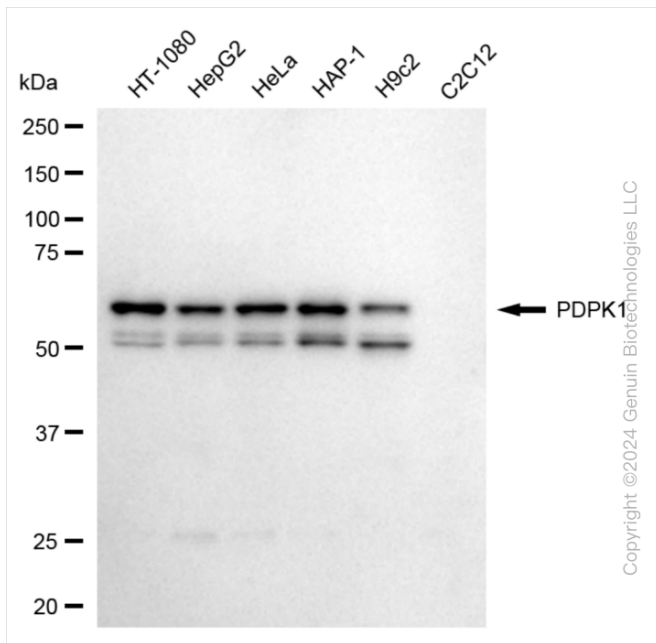
ABG1887

Product Overview

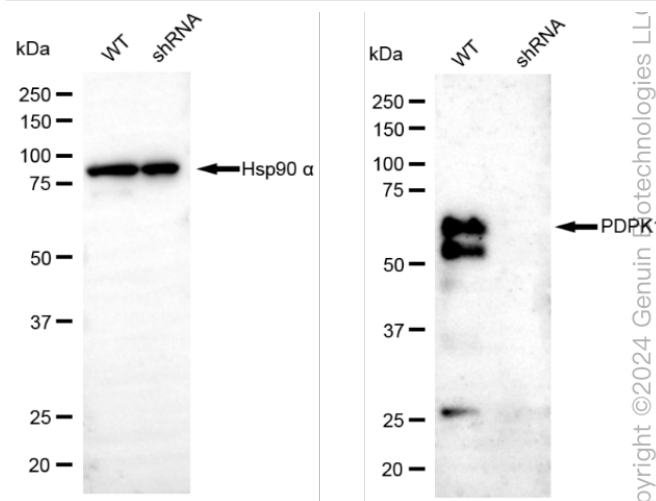
Name	KD-Validated Anti-PDPK1 Rabbit Monoclonal Antibody
Accession(Primary)	O15530
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PDPK1
Species Reactivity	Human, Rat
Calculated MW	Predicted, 63 kDa, observed, 63 kDa
Storage Buffer	Supplied 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): 1:100-1:1,000

Target information (O15530)

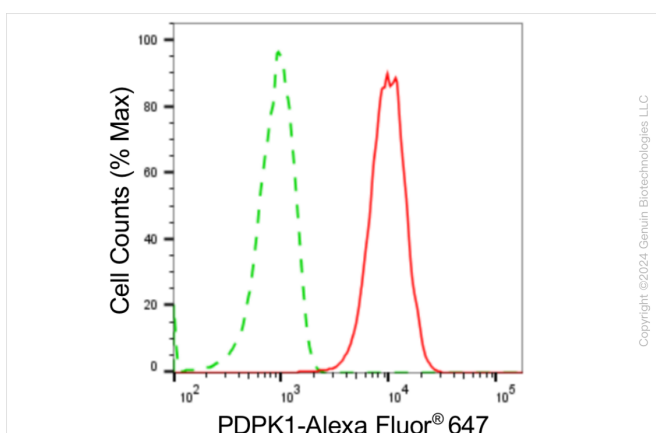
Gene Name	PDPK1
About Gene Symbol	PDPK1 (3-Phosphoinositide Dependent Protein Kinase 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely stu



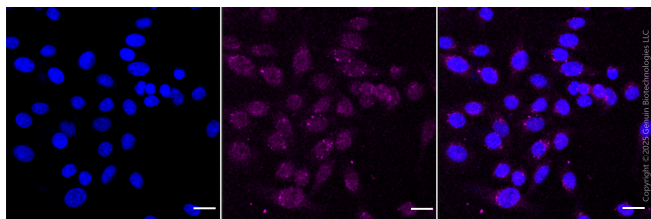
Western blotting analysis using anti-PDPK1 antibody (Cat#ABG1887). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PDPK1 antibody (Cat#ABG1887, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-PDPK1 antibody (Cat#ABG1887). PDPK1 expression in wild type (WT) and PDPK1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-PDPK1 antibody (Cat#ABG1887, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of PDPK1 expression in HepG2 cells using anti-PDPK1 antibody (Cat#ABG1887, 1:2,000). Green, isotype control; red, PDPK1.



Immunocytochemical staining of HepG2 cells with anti-PDPK1 antibody (Cat#ABG1887, 1:1,000).

Nuclei were stained blue with DAPI; PDPK1 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.