

KO-Validated Anti-PDP1 Mouse Oligoclonal Antibody

Mouse oligoclonal antibody

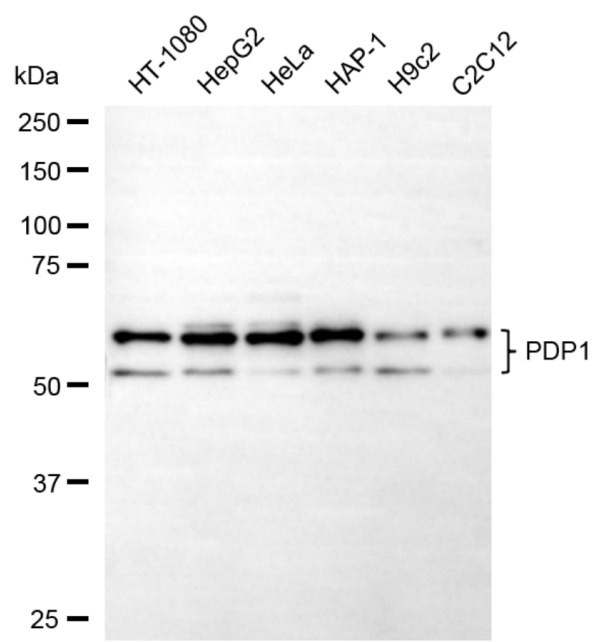
ABG2422

Product Overview

Name	KO-Validated Anti-PDP1 Mouse Oligoclonal Antibody
Accession(Primary)	Q9P0J1
Host Species	Mouse
Clonality	Oligoclonal
Isotype	Mouse IgG
Immunogen	Recombinant protein of human PDP1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 61 kDa; observed, 53-60 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500 Flow Cytometry (FCM): 1:2,000

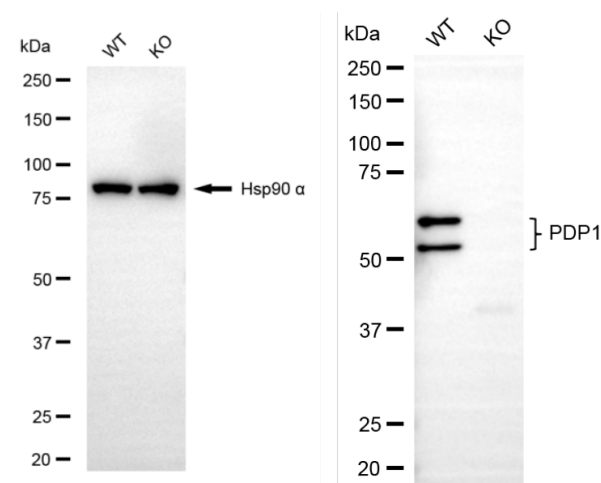
Target information (Q9P0J1)

Gene Name	PDP1
About Gene Symbol	PDP1 (Pyruvate Dehydrogenase Phosphatase Catalytic Subunit 1) is a metabolic dehydrogenase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



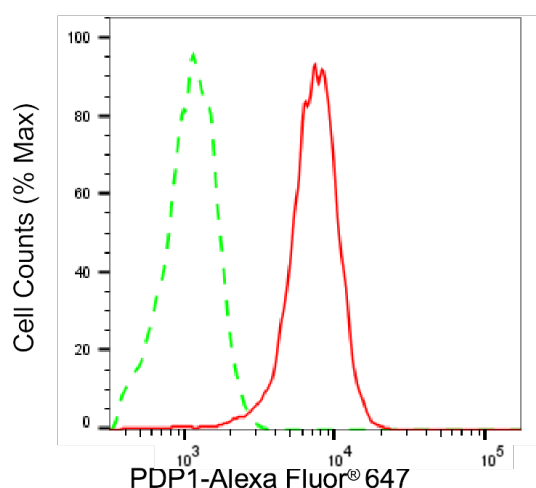
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Western blotting analysis using anti-PDP1 antibody (Cat#ABG2422). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PDP1 antibody (Cat#ABG2422, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-PDP1 antibody (Cat#ABG2422). PDP1 expression in wild type (WT) and PDP1 knockout (KO) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PDP1 antibody (Cat#ABG2422, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of PDP1 expression in HepG2 cells using anti-PDP1 antibody (Cat#ABG2422, 1:2,000). Green, isotype control; red, PDP1.