9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KD-Validated Anti-PPP5C mouse monoclonal antibody

Mouse monoclonal antibody

ABG1961

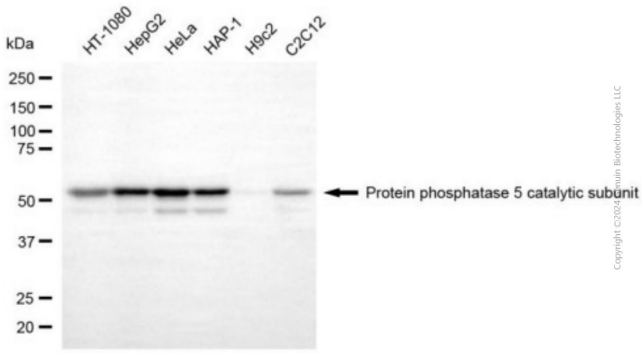
Product Overview

Name	KD-Validated Anti-PPP5C mouse monoclonal antibody
Accession(Primary)	P53041
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human PPP5C
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 57 kDa, observed, 55 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

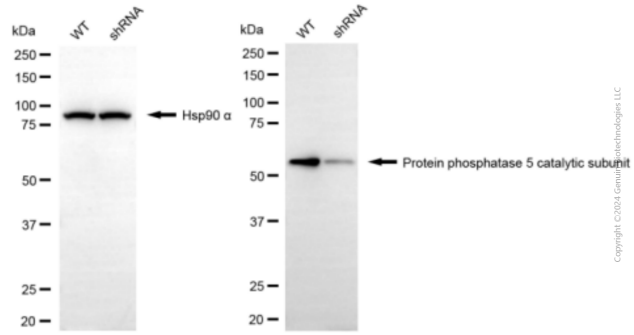
Target information (P53041)

Gene Name	PPP5C
About Gene Symbol	PPP5C (Protein Phosphatase 5 Catalytic Subunit) is a protein phosphatase 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.

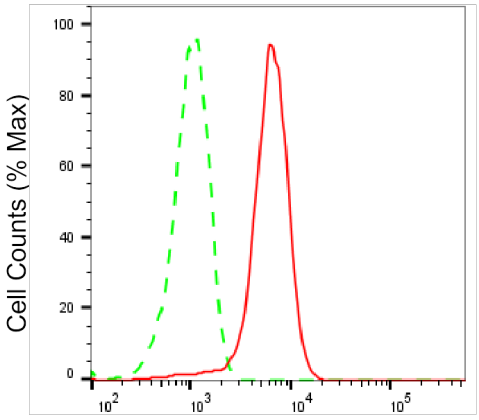
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Western blotting analysis using anti-protein phosphatase 5 catalytic subunit antibody (Cat#ABG1961). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-protein phosphatase 5 catalytic subunit antibody (Cat#ABG1961, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-protein phosphatase 5 catalytic subunit antibody (Cat#ABG1961). Protein phosphatase 5 catalytic subunit expression in wild type (WT) and protein phosphatase 5 catalytic subunit (PPP5C) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-protein phosphatase 5 catalytic subunit antibody (Cat#ABG1961, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Protein phosphatase 5 catalytic subunit-Alexa Fluor® 647

Flow cytometric analysis of Protein phosphatase 5 catalytic subunit expression in HepG2 cells using anti-Protein phosphatase 5 catalytic subunit antibody (Cat#ABG1961, 1:2,000). Green, isotype control; red, Protein phosphatase 5 catalytic subunit.