9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-PWP1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1277

Product Overview

Name	KD-Validated Anti-PWP1 Rabbit Monoclonal Antibody
Accession(Primary)	Q13610
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PWP1
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 56 kDa, observed, 74 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): 1:1,000

Target information (Q13610)

Gene Name	PWP1
About Gene Symbol	PWP1 (PWP1 Homolog, Endonuclein) is a keratin cytoskeletal protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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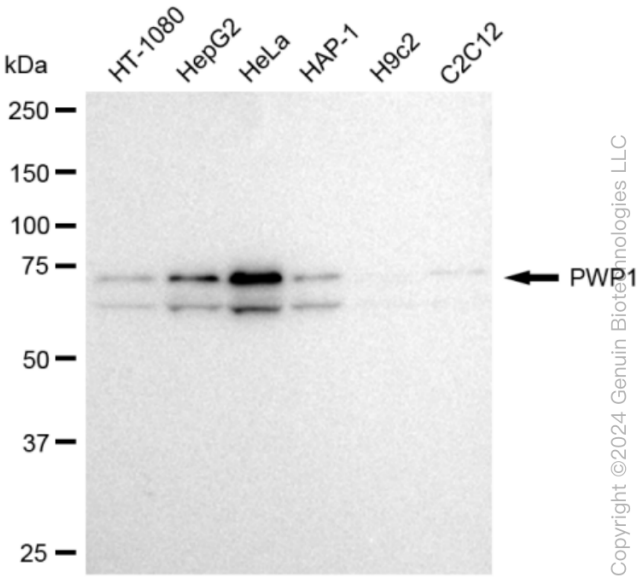

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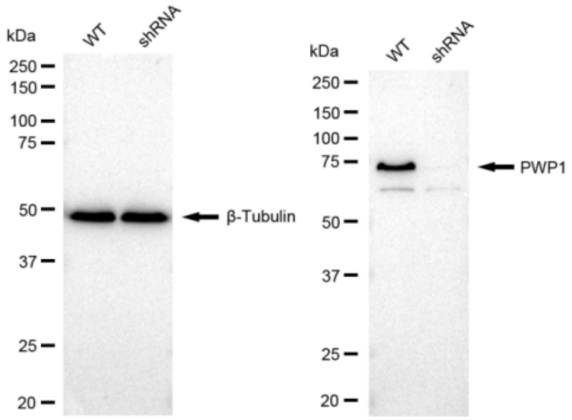
Western blotting analysis using anti-PWP1 antibody (Cat#ABG1277). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PWP1 antibody (Cat#ABG1277, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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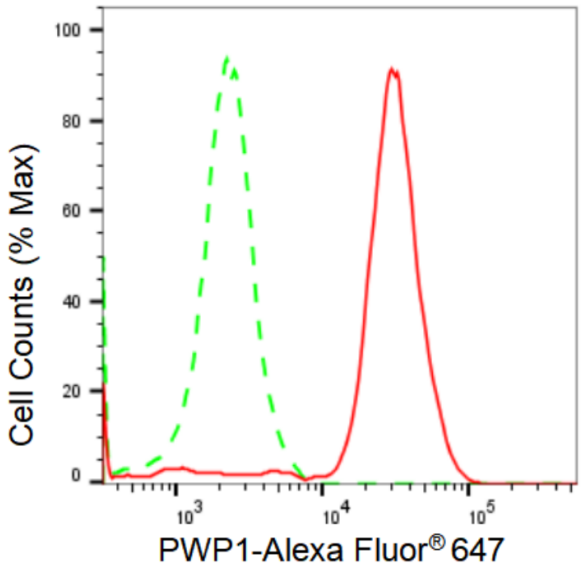
Western blotting analysis using anti-PWP1 antibody (Cat#ABG1277). PWP1 expression in wild type (WT) and PWP1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-PWP1 antibody (Cat#ABG1277, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of PWP1 expression in HeLa cells using PWP1 antibody (Cat#ABG1277, 1:2,000). Green, isotype control; red, PWP1.

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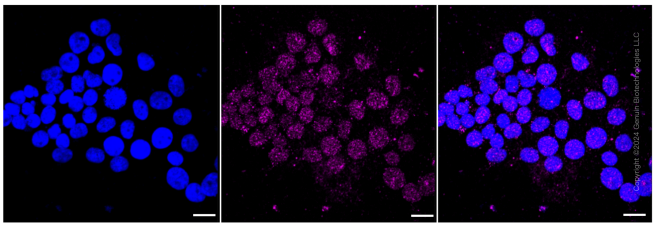

Immunocytochemical staining of Hela cells with PWP1 antibody (Cat#ABG1277, 1:1,000). Nuclei were stained blue with DAPI; PWP1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.