KD-Validated Anti-Pro-Apoptotic WT1 Regulator Rabbit Monoclonal Antibody

Catalog #: 63312

Aliases

PAWR; Pro-Apoptotic WT1 Regulator; Par-4; PAR4; PRKC Apoptosis WT1 Regulator Protein; PRKC, Apoptosis, WT1, Regulator; Prostate Apoptosis Response-4; Prostate Apoptosis Response Protein PAR-4; Prostate Apoptosis Response Protein 4; Prostate Apoptosis Response 4 Protein; Transcriptional Repressor PAR4; WT1-Interacting Protein

Background

Gene Name: PAWR
NCBI Gene Entry: 5074
UniProt Entry: Q96IZ0

Application Information

Molecular Weight: Predicted, 37 kDa, observed, 41 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB5010
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human PAR4

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

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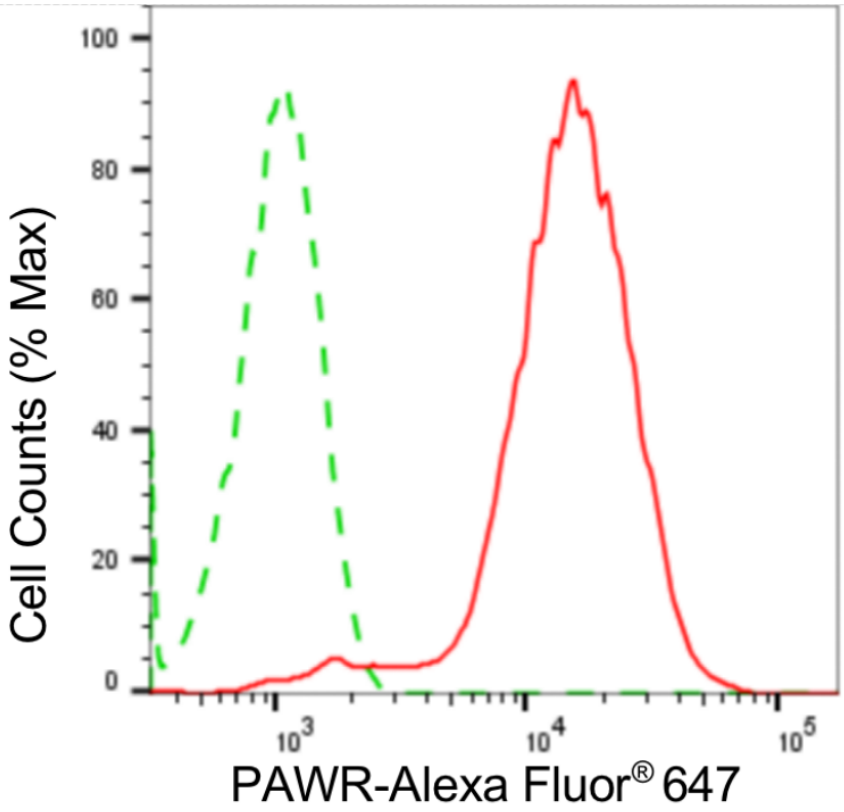
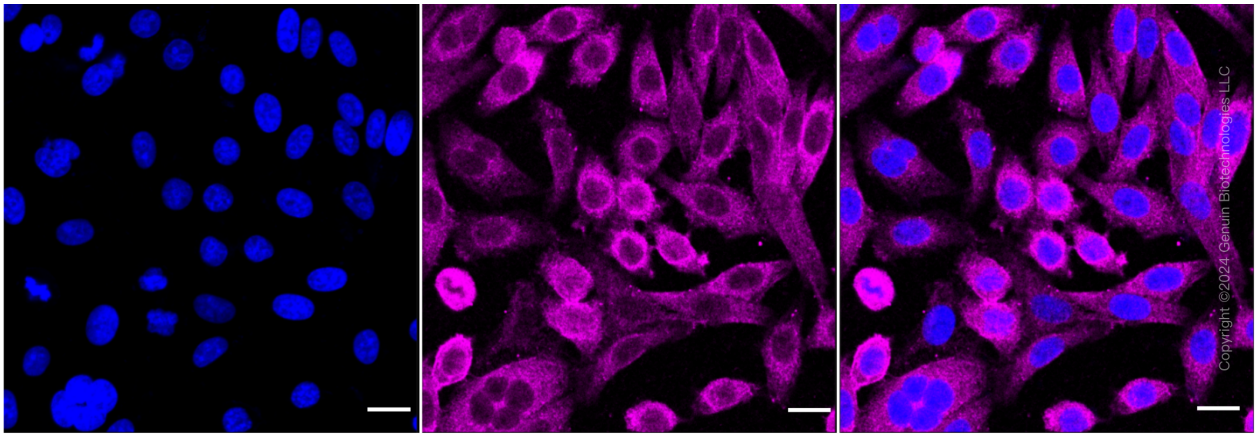
Note: This product is for research use only.

Validation Data



Flow cytometric analysis of PAWR expression in HepG2 cells using anti-PAWR antibody (Cat#63312, 1:2,000). Green, isotype control; red, PAWR.



Immunocytochemical staining of HepG2 cells with anti-PAWR antibody (Cat#63312, 1:1,000) . Nuclei were stained blue with DAPI; PAWR 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.

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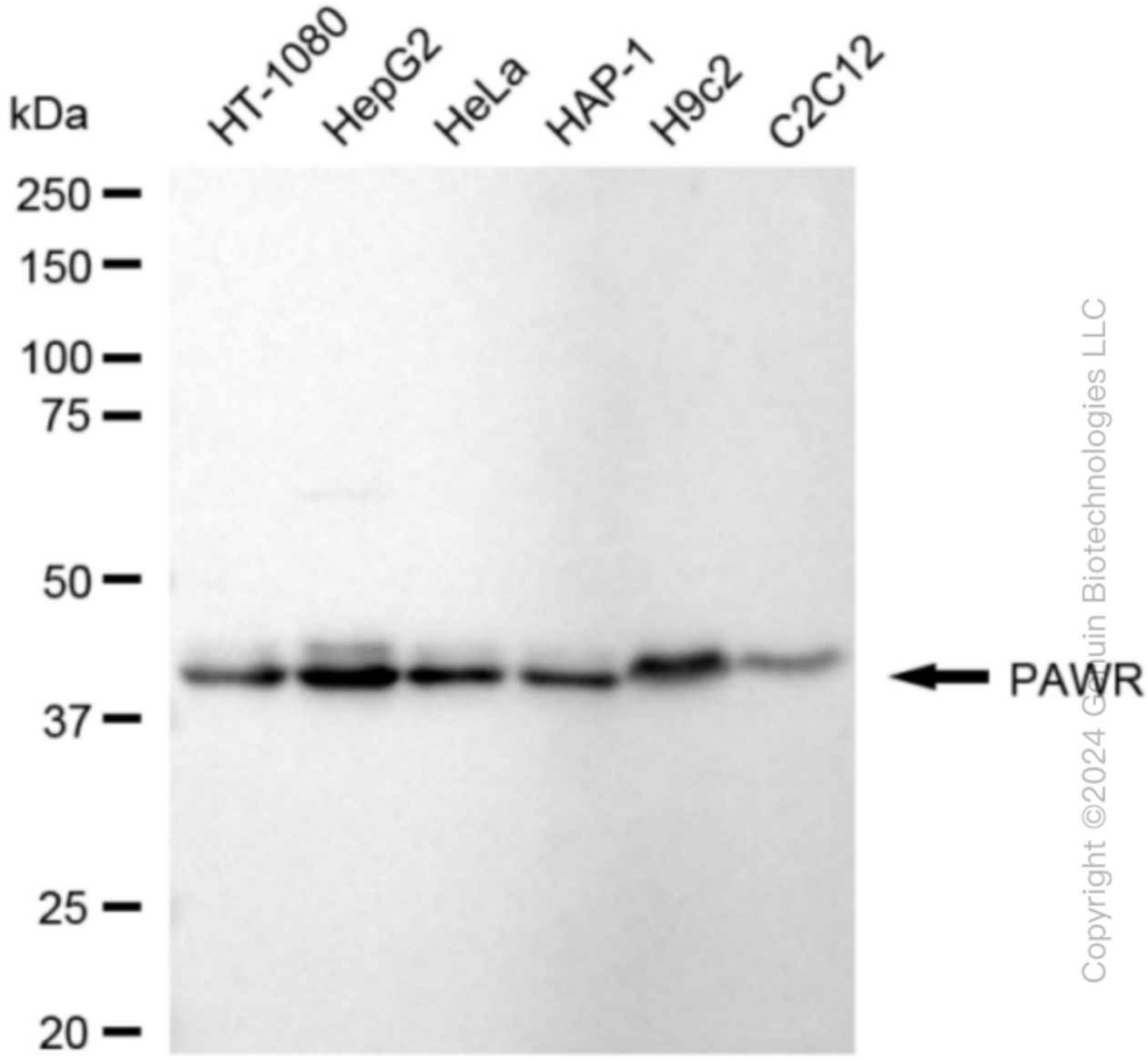

Western blotting analysis using anti-PAWR antibody (Cat#63312). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PAWR antibody (Cat#63312, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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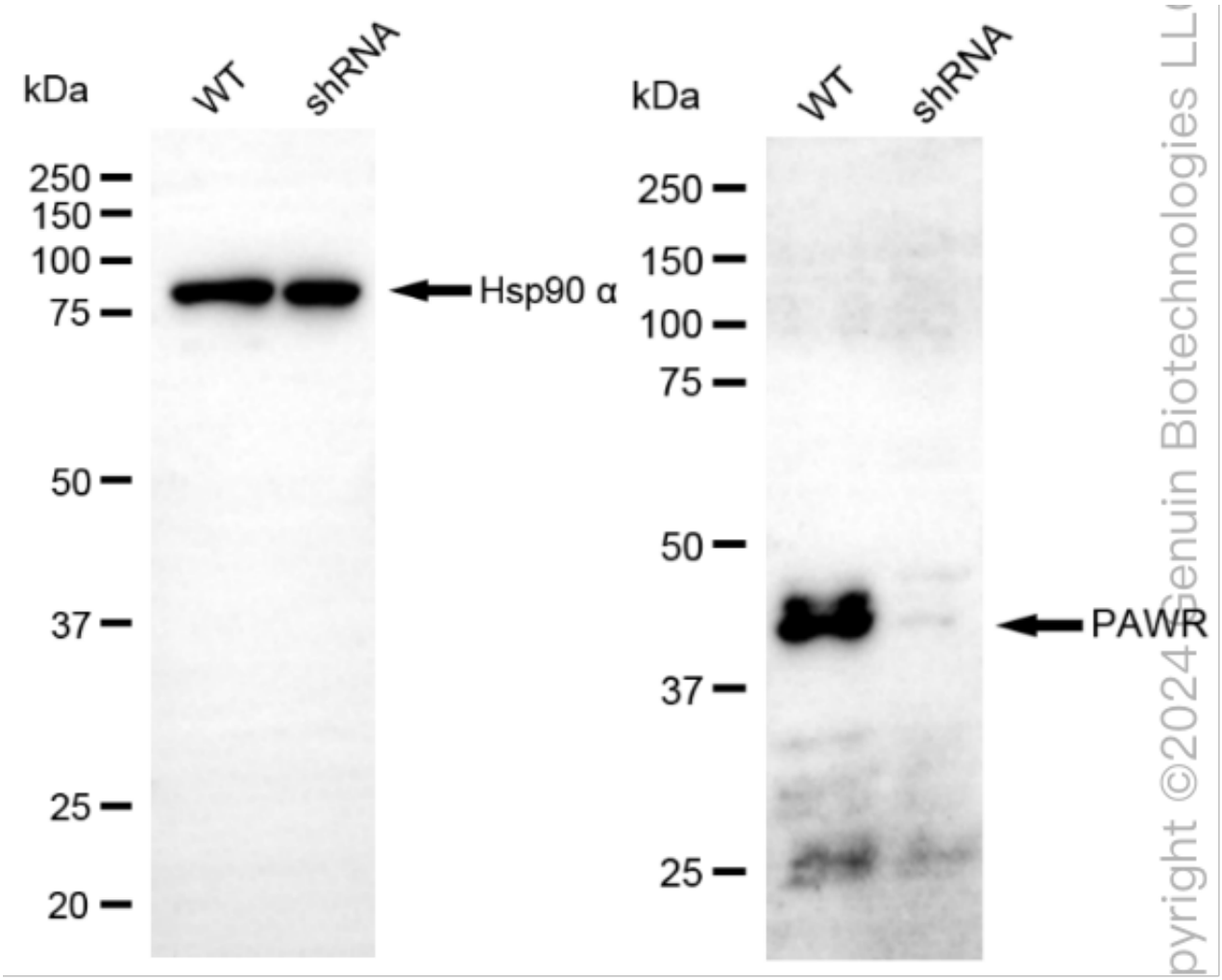

Western blotting analysis using anti-PAWR antibody (Cat#63312). PAWR expression in wild-type (WT) and PAWR shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PAWR antibody (Cat#63312, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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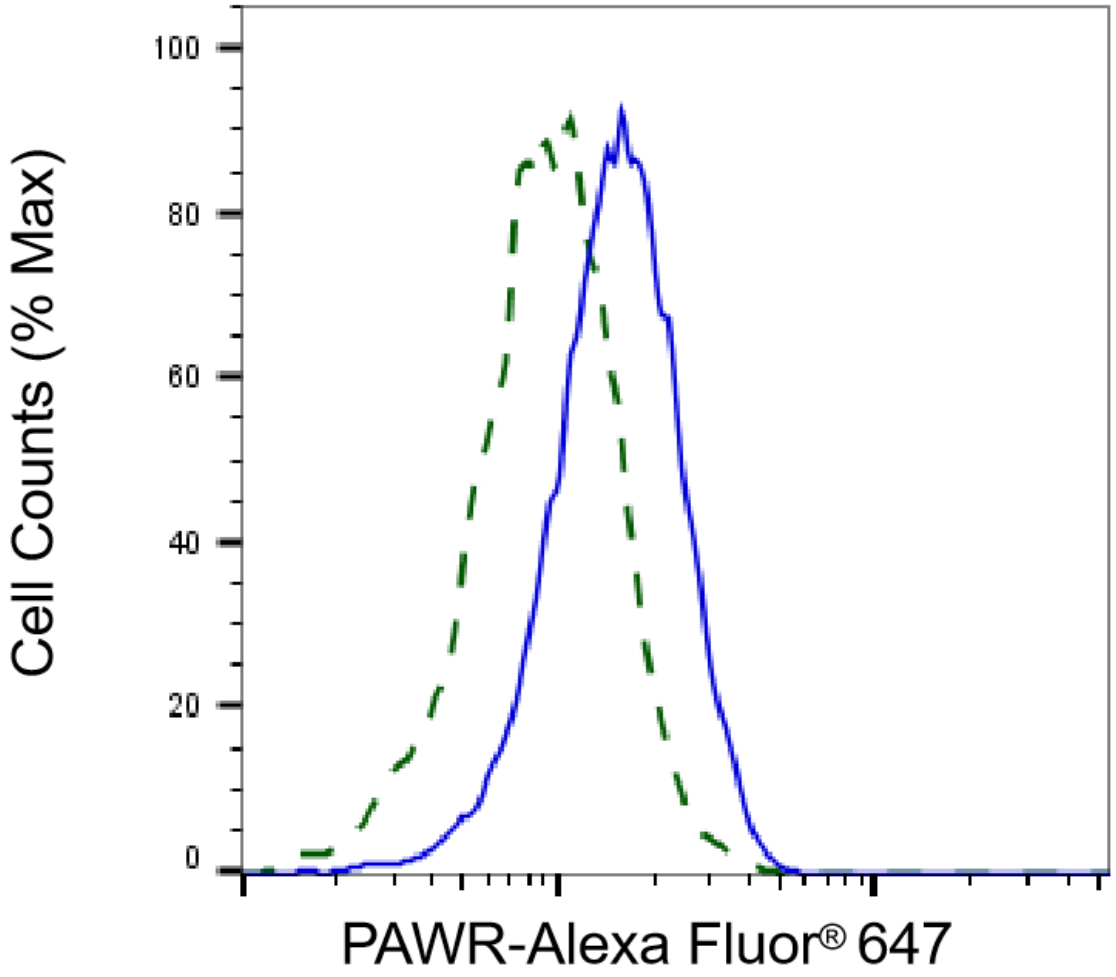

Validation of PAWR knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-PAWR antibody (Cat#63312, 1:2,000) and analyzed using BD flow cytometer.

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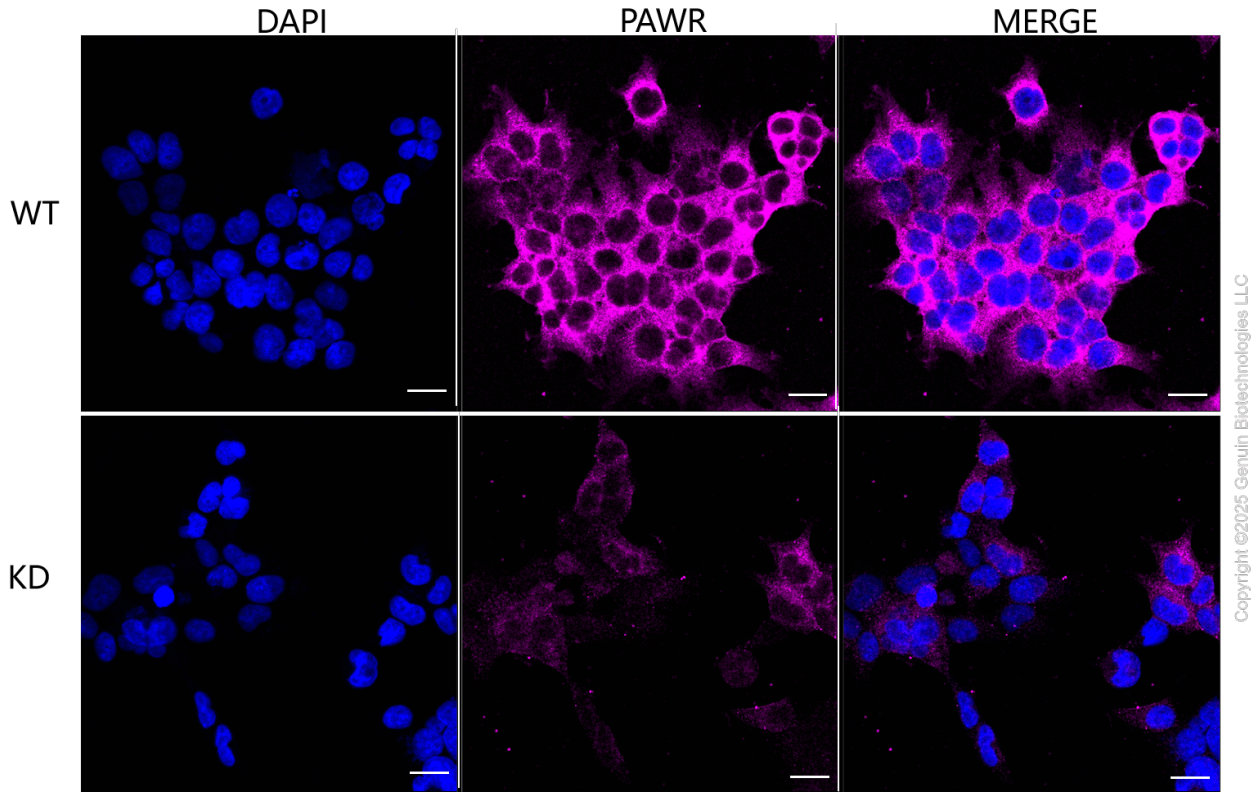

Immunocytochemical staining of HeLa cells using anti-PAWR antibody (Cat#63312, 1:1,000), Top panel: wild-type (WT); Bottom panal: PAWR shRNA knockdown (KD). Nuclei were stained blue with DAPI; PAWR was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm. Permeabilization: Triton.