

Anti-WD Repeat Domain 4 Recombinant Rabbit Monoclonal Antibody



Catalog #: 3107

Aliases

WDR4; WD Repeat Domain 4; TRMT82; TRM82; Wuho; TRNA (Guanine-N(7))-Methyltransferase Non-Catalytic Subunit WDR4; WD Repeat-Containing Protein 4; Protein Wuho Homolog; HWH; TRM82 TRNA Methyltransferase 82 Homolog (S. Cerevisiae); TRNA (Guanine-N(7))-Methyltransferase Subunit WDR4; TRM82 TRNA Methyltransferase 82 Homolog; GAMOS6; MIGSB

Background

Gene Name: WDR4

NCBI Gene Entry: [10785](#)

UniProt Entry: [P57081](#)

Application Information

Molecular Weight: Predicted, 45 kDa; observed, 45 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB4100

Species Reactivity: Human, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human WDR4

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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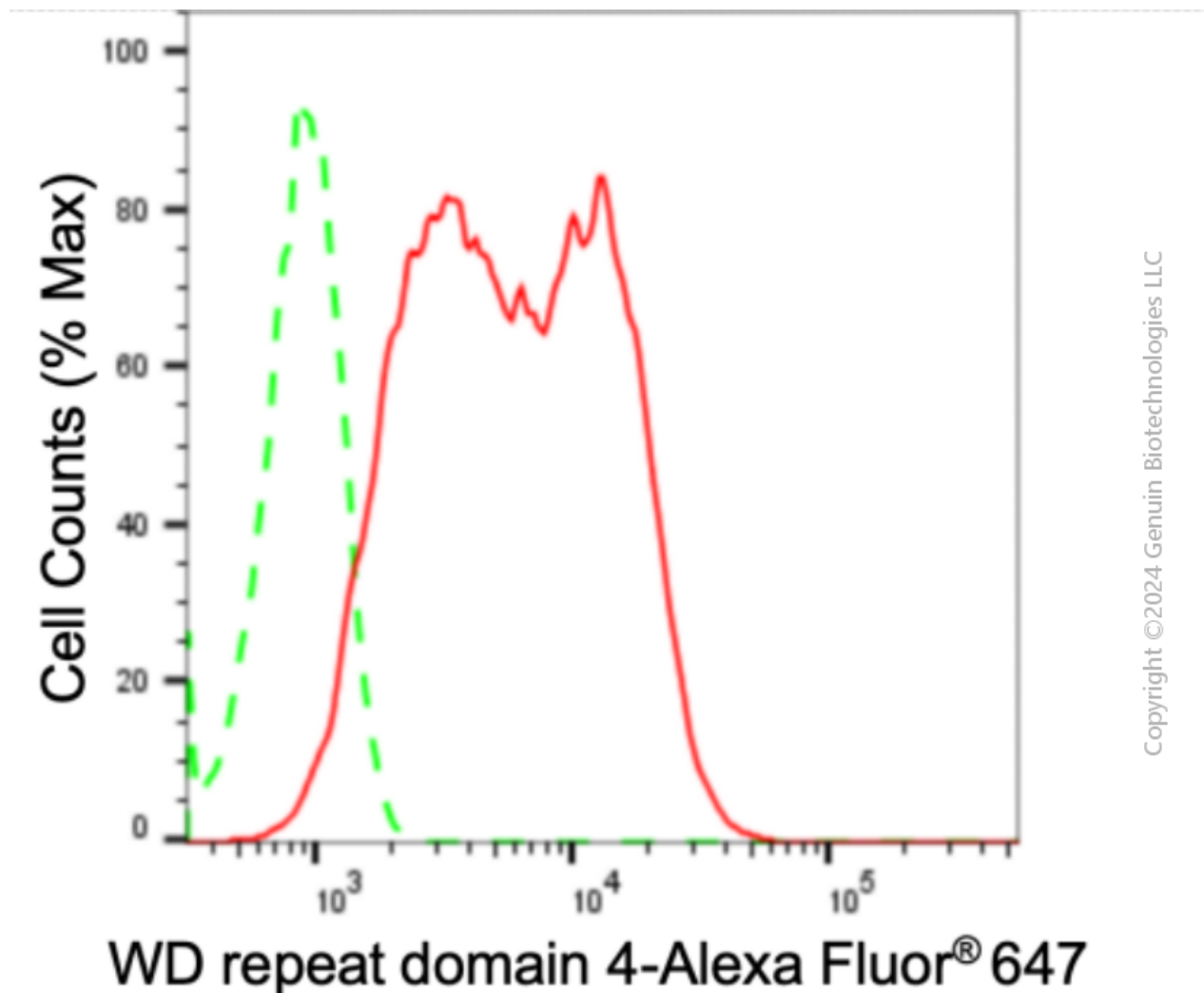
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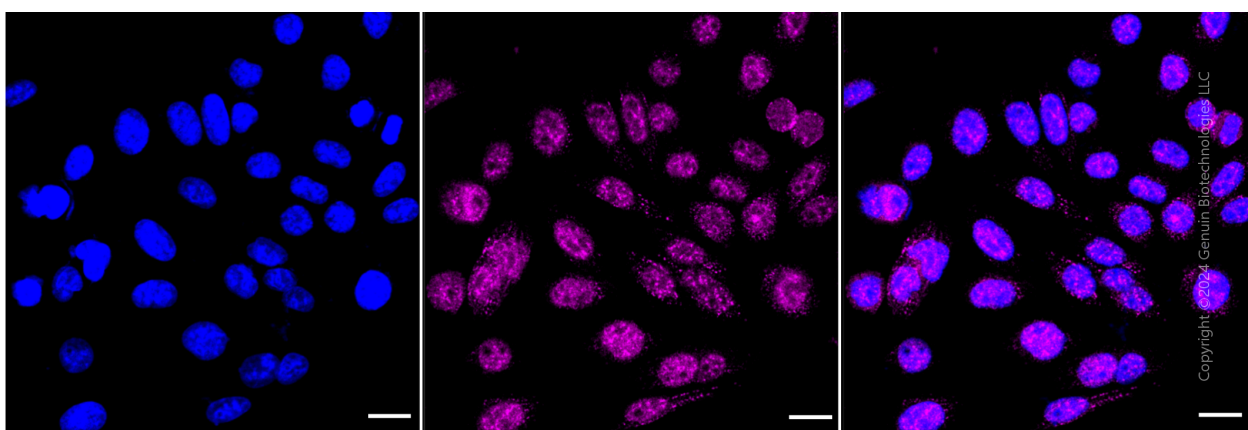
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Note: This product is for research use only.

Validation Data



Flow cytometric analysis of WD repeat domain 4 expression in HepG2 cells using anti-WD repeat domain 4 antibody (Cat#3107, 1:2,000). Green, isotype control; red, WD repeat domain 4.



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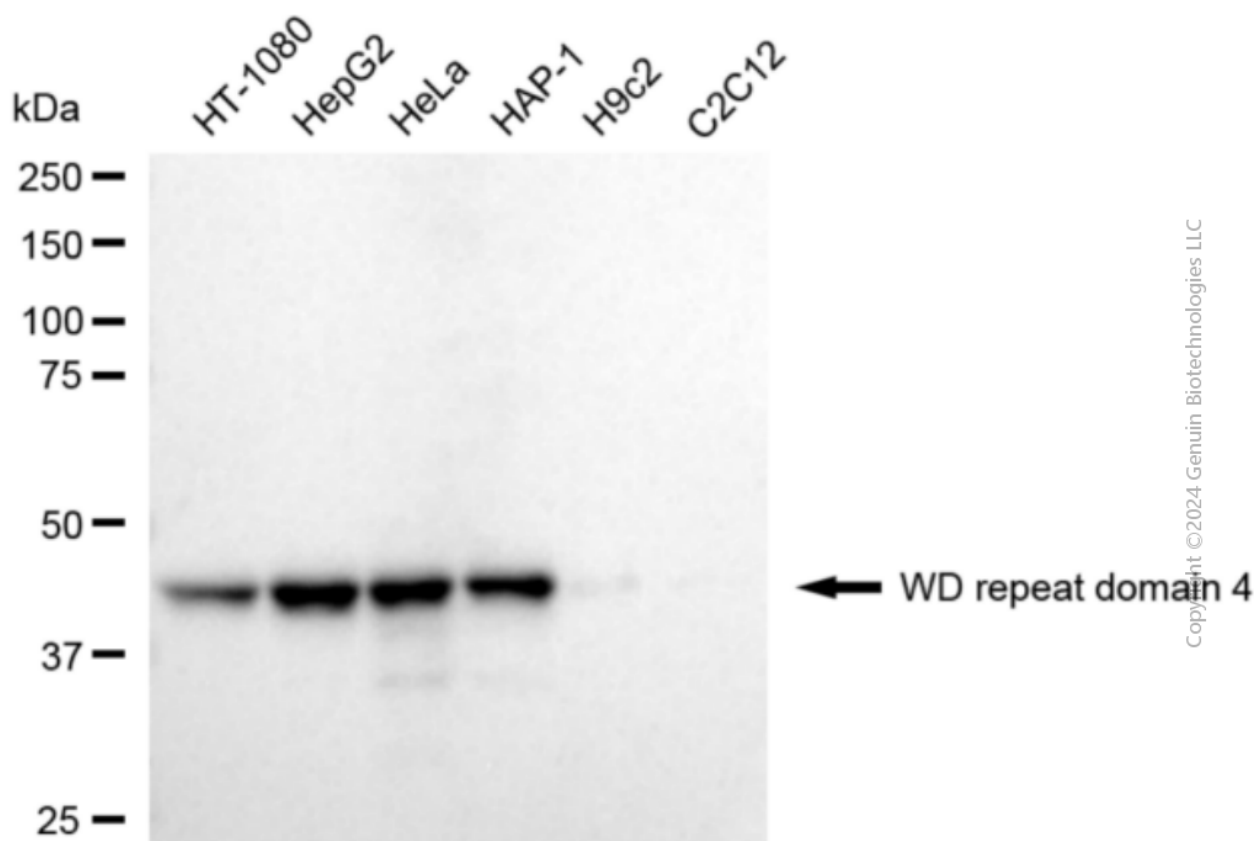
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Immunocytochemical staining of HepG2 cells with WD repeat domain 4 antibody (Cat#3107, 1:1,000). Nuclei were stained blue with DAPI; WD repeat domain 4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-WD repeat domain 4 antibody (Cat#3107). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-WD repeat domain 4 antibody (Cat#3107, 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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