

Anti-Desmoplakin Recombinant Rabbit Monoclonal Antibody



Catalog #: 4655

Aliases

DSP; Desmoplakin; 250/210 KDa Paraneoplastic Pemphigus Antigen; KPPS2; PPKS2; DP2; DP1; DP; Desmoplakin (DPI, DP2); DCWHKTA

Background

Gene Name: DSP

NCBI Gene Entry: [1832](#)

UniProt Entry: [P15924](#)

Application Information

Molecular Weight: Predicted, 332 kDa; observed, 270 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB12285

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human Desmoplakin

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

Note: This product is for research use only.

Validation Data

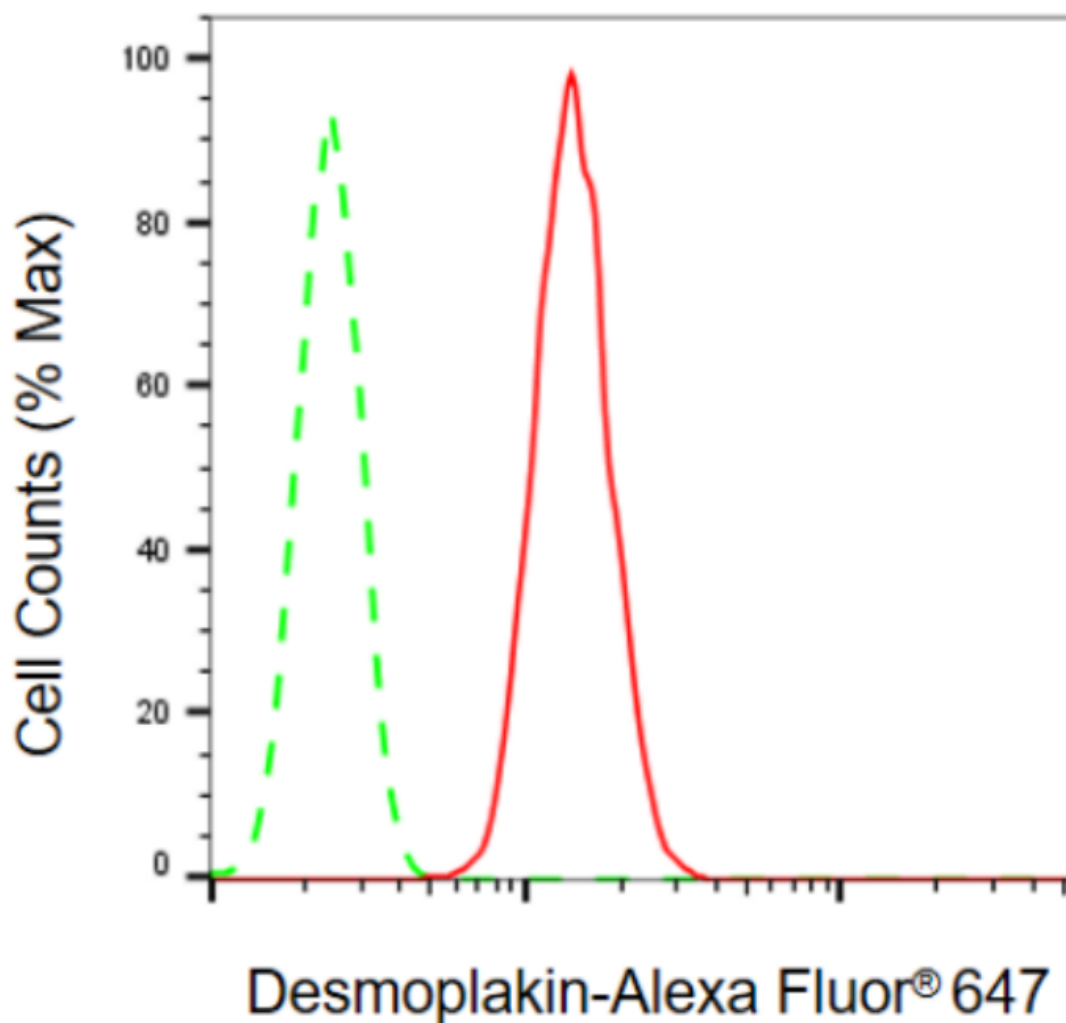
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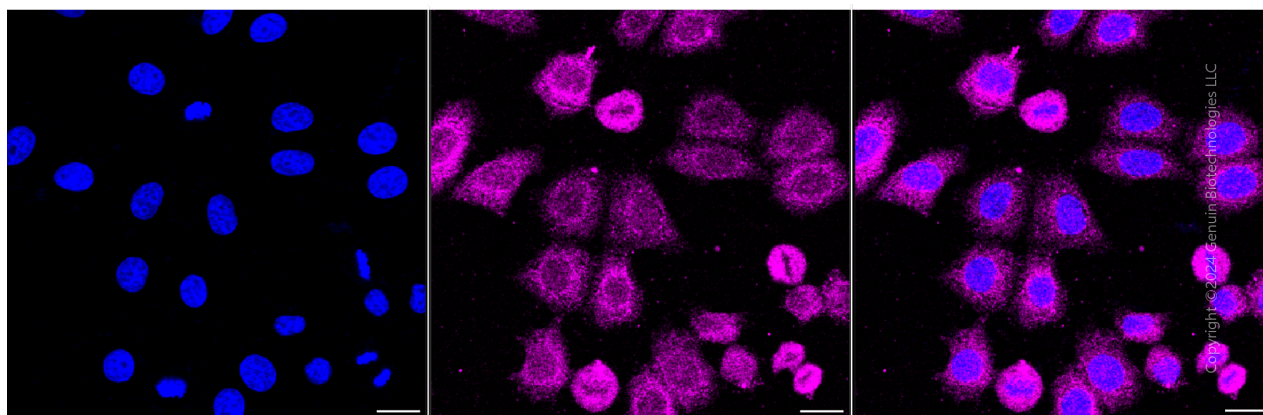
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Flow cytometric analysis of desmoplakin expression in HepG2 cells using anti-desmoplakin antibody (Cat#4655, 1:2,000). Green, isotype control; red, desmoplakin.



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Immunocytochemical staining of HepG2 cells with anti-desmoplakin antibody (Cat#4655, 1:1,000). Nuclei were stained blue with DAPI; Desmoplakin was stained magenta with Alexa

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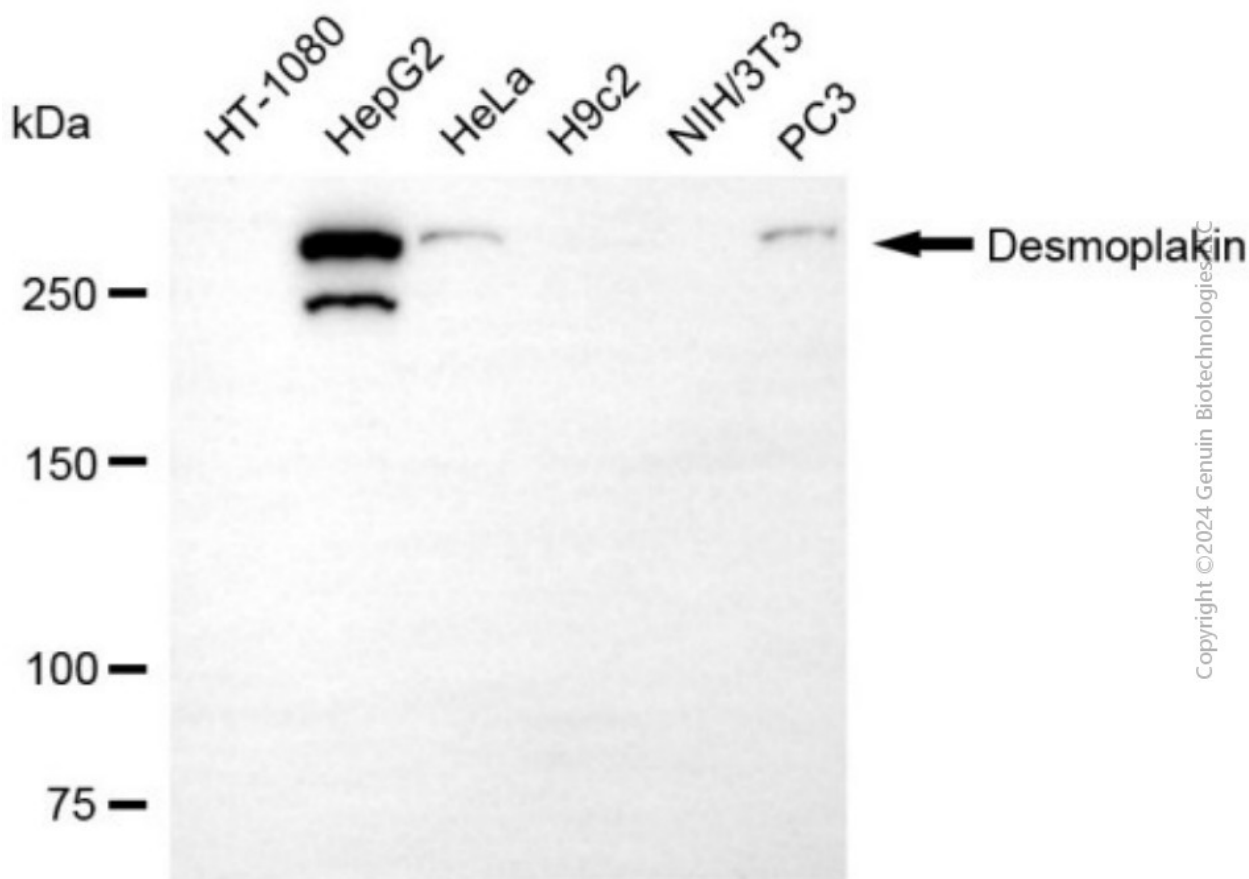
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PAGE 3

Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μ m.



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Western blotting analysis using anti-desmoplakin antibody (Cat#4655). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-desmoplakin antibody (Cat#4655, 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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