

KO-Validated Anti-Desmocollin 3 Recombinant Rabbit Monoclonal Antibody



Catalog #: 71204

Aliases

DSC3; Desmocollin 3; CDHF3; DSC1; DSC2; DSC4; DSC; Cadherin Family Member 3; Desmocollin-3; Desmocollin-4; HT-CP

Background

Gene Name: DSC2

NCBI Gene Entry: [1824](#)

UniProt Entry: [Q02487](#)

Application Information

Molecular Weight: Predicted, 100 kDa; observed, 100 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB2690

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from Desmocollin 3

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

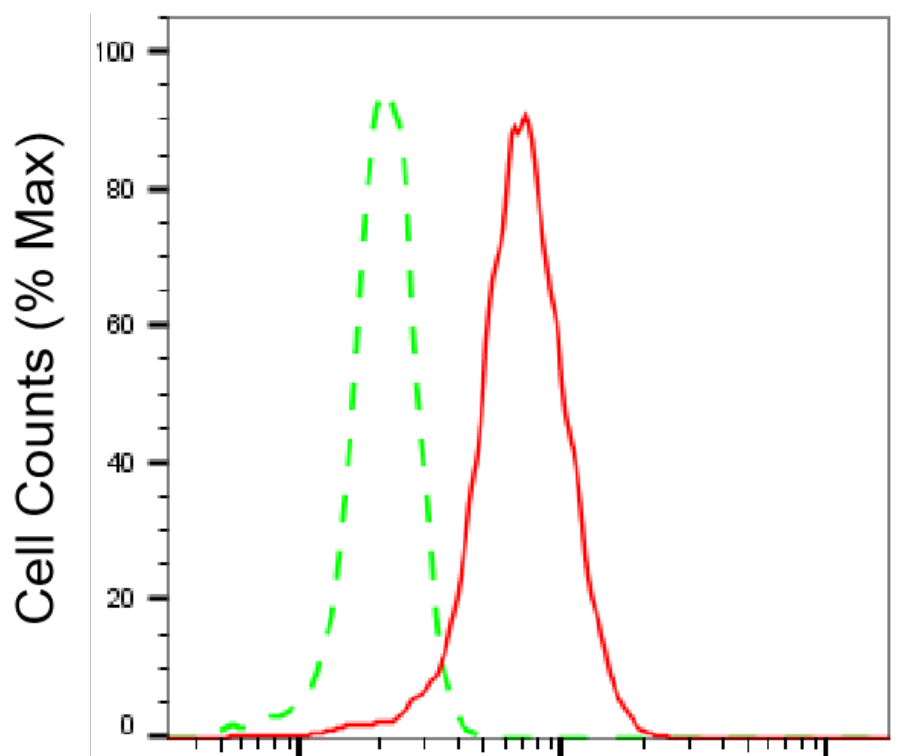
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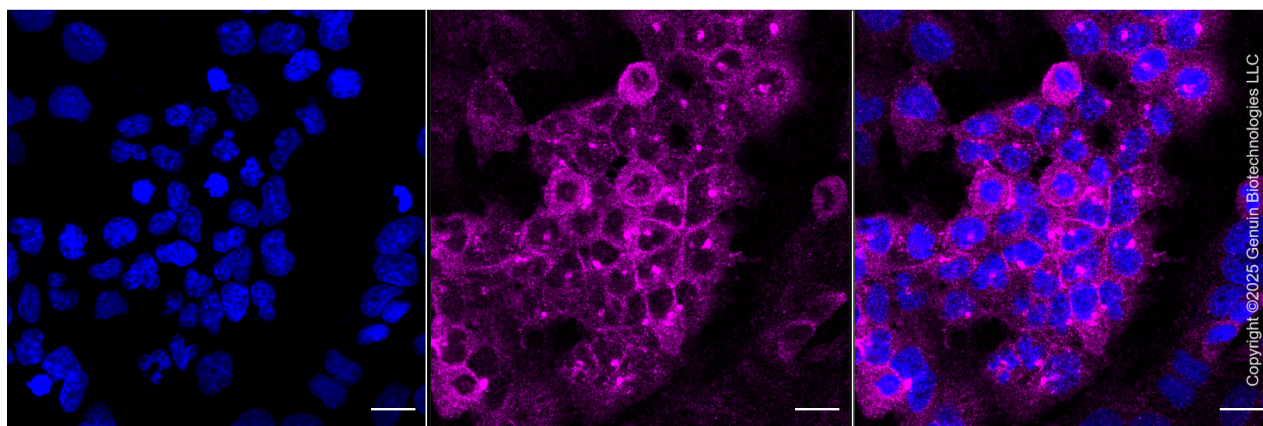
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Desmocollin 3-Alexa Fluor® 647

Flow cytometric analysis of Desmocollin 3 expression in HeLa cells using Desmocollin 3 antibody (Cat#71204, 1:2,000). Green, isotype control; red, Desmocollin 3.



Immunocytochemical staining of HeLa cells with anti-Desmocollin 3 antibody (Cat#71204, 1:1,000). Nuclei were stained blue with DAPI; Desmocollin 3 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.

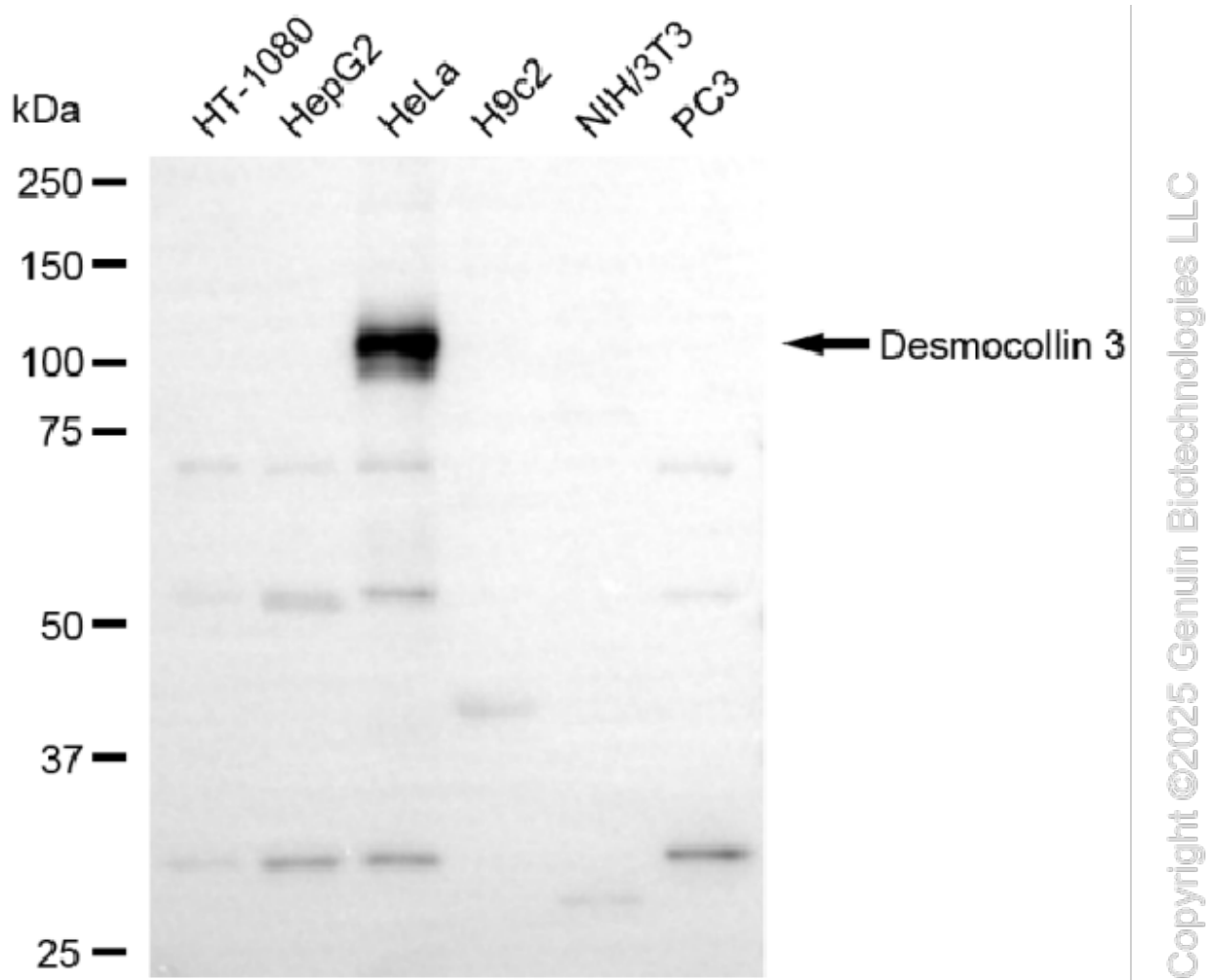
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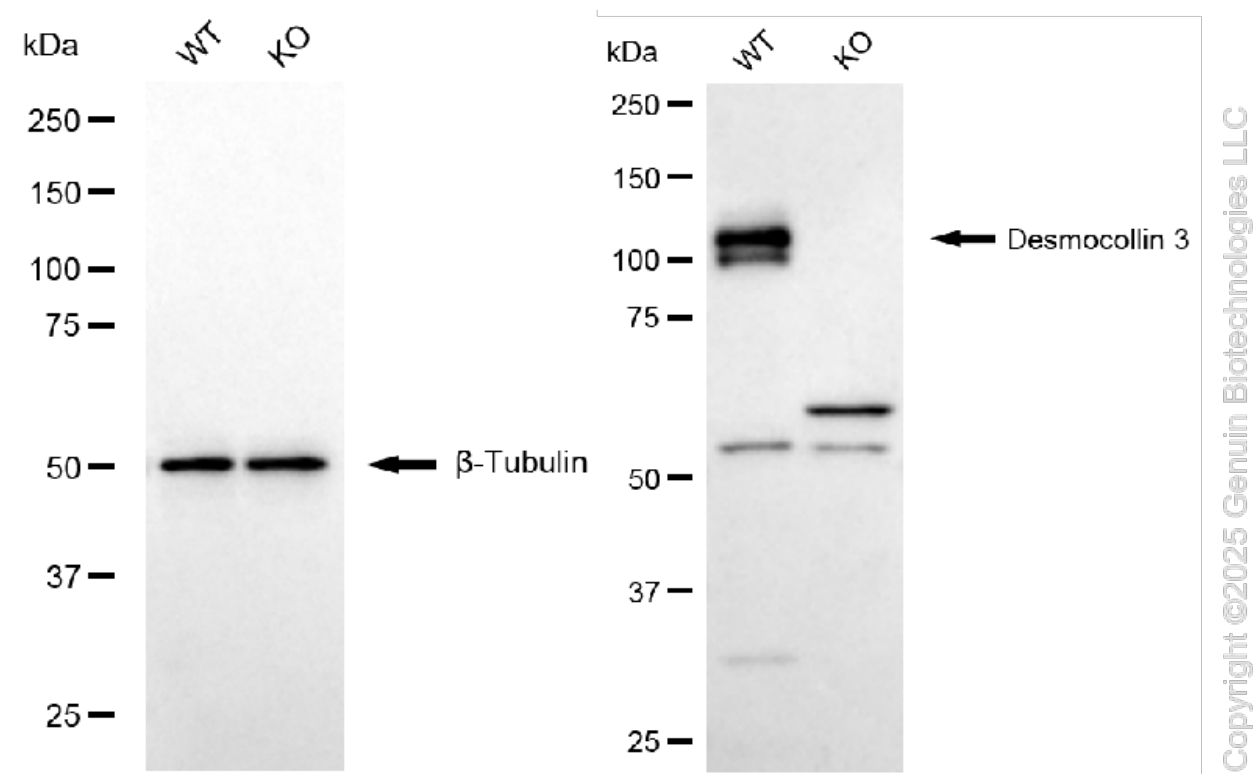
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Western blotting analysis using anti-desmocollin 3 antibody (Cat#71204). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-desmocollin 3 antibody (Cat#71204, 1:5,000) and HRP-conjugated 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-desmocollin 3 antibody (Cat#71204). Desmocollin 3 expression in wild-type (WT) and desmocollin 3 (DSC3) knockout (KO) HeLa cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-desmocollin 3 antibody (Cat#71204, 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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