Anti-Catenin alpha 3 Recombinant Rabbit Monoclonal Antibody

Catalog #: 1919

Aliases

CTNNA3; Catenin Alpha 3; VR22; Catenin (Cadherin-Associated Protein), Alpha 3; Alpha-T-Catenin; Catenin Alpha-3; MGC26194; Cadherin-Associated Protein; Alpha-Catenin-Like Protein; Alpha T-Catenin; ARVD13

Background

Gene Name: CTNNA3
NCBI Gene Entry: 29119
UniProt Entry: Q9UI47

Application Information

Molecular Weight: Predicted, 100 kDa; observed, 100 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB5125
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human CTNNA3

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
Immunocytochemistry (IC): 1:100-1:1,000
Flow Cytometry (FCM): 1:2,000

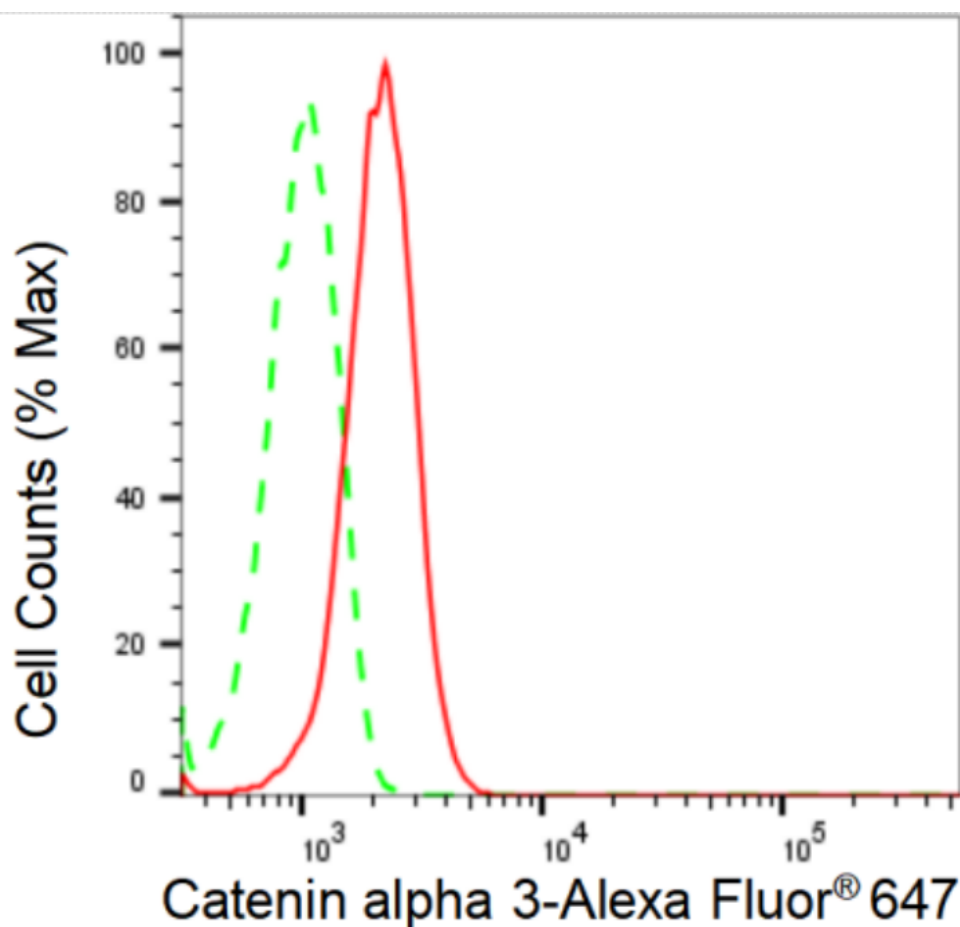**Note:** This product is for research use only.

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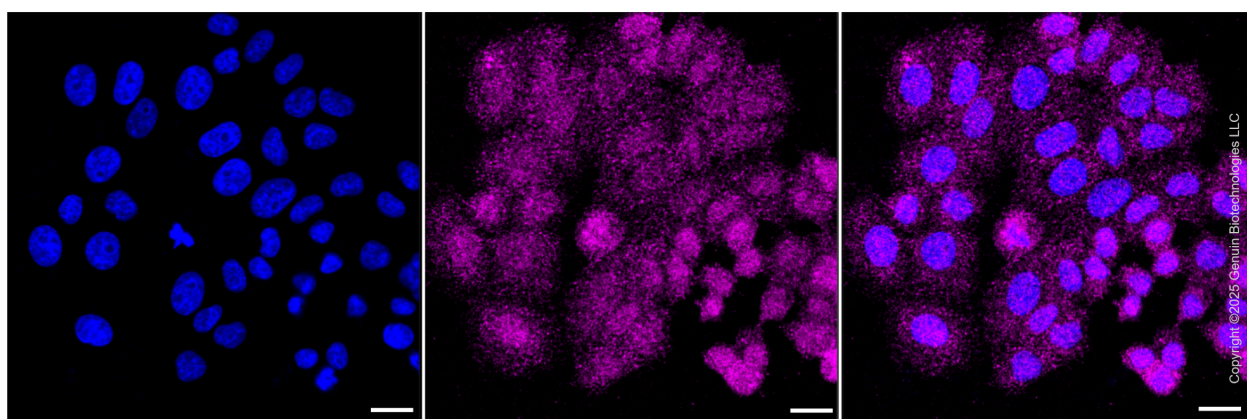
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Validation Data

Flow cytometric analysis of Catenin alpha 3 expression in HepG2 cells using Catenin alpha 3 antibody (1Cat#1919, 1:2,000). Green, isotype control; red, Catenin alpha 3.

Immunocytochemical staining of HepG2 cells with anti-Catenin alpha 3 antibody (Cat#1919, 1:1,000). Nuclei were stained blue with DAPI; Catenin alpha 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μm.
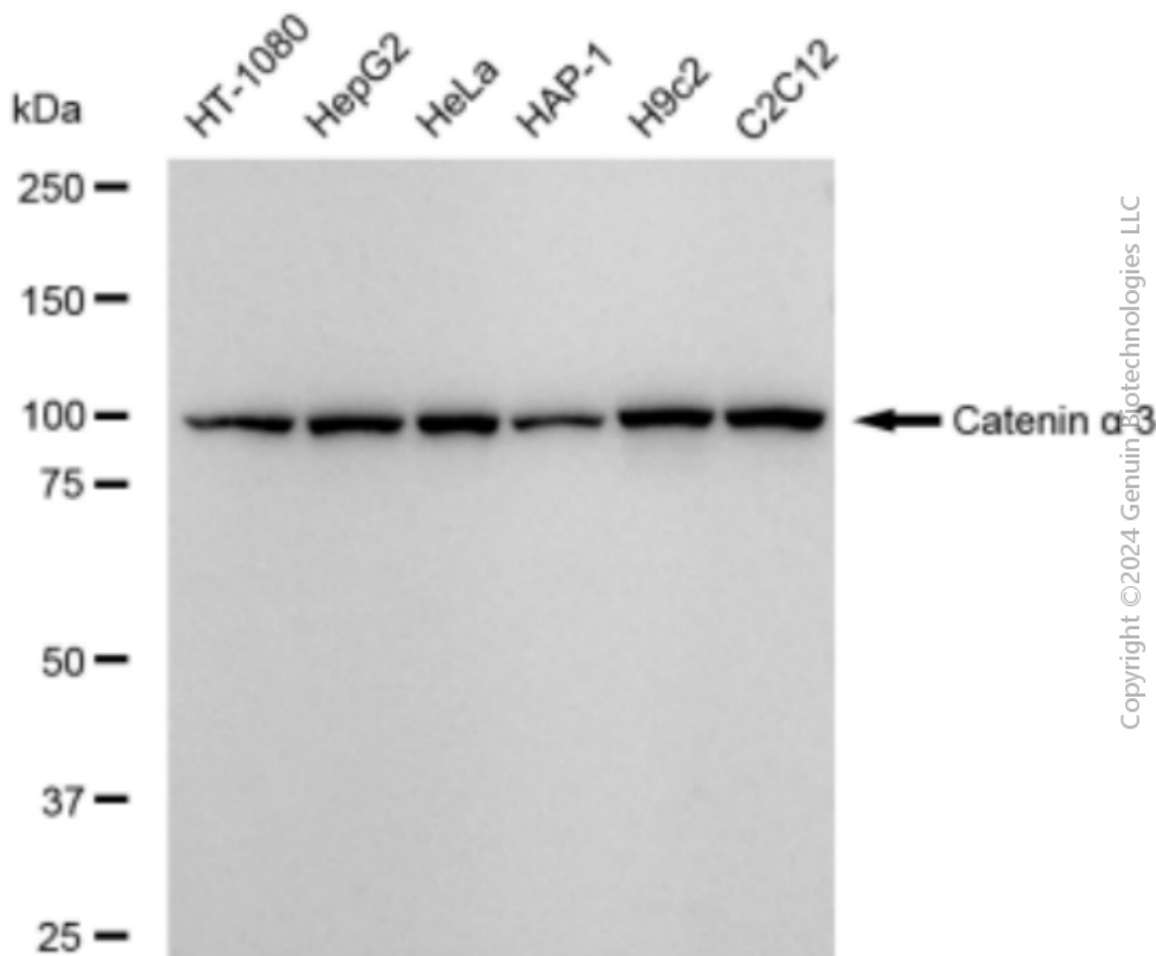
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Western blotting analysis using anti-Catenin alpha 3 antibody (Cat#1919). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Catenin alpha 3 antibody (Cat#1919, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).