Anti-beta Catenin Recombinant Rabbit Monoclonal Antibody

Catalog #: 1751

Aliases

Catenin Beta 1; Beta-Catenin; Armadillo; CTNNB; Catenin (Cadherin-Associated Protein), Beta 1, 88kDa; Catenin Beta-1; Catenin (Cadherin-Associated Protein), Beta 1 (88kD); Catenin (Cadherin-Associated Protein), Beta 1; NEDSDV; MRD19; EVR7

Background

Gene Name: CTNNB1
NCBI Gene Entry: 1499
UniProt Entry: P35222

Application Information

Molecular Weight: Predicted, 85 kDa; observed, 85 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB785
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human beta Catenin

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
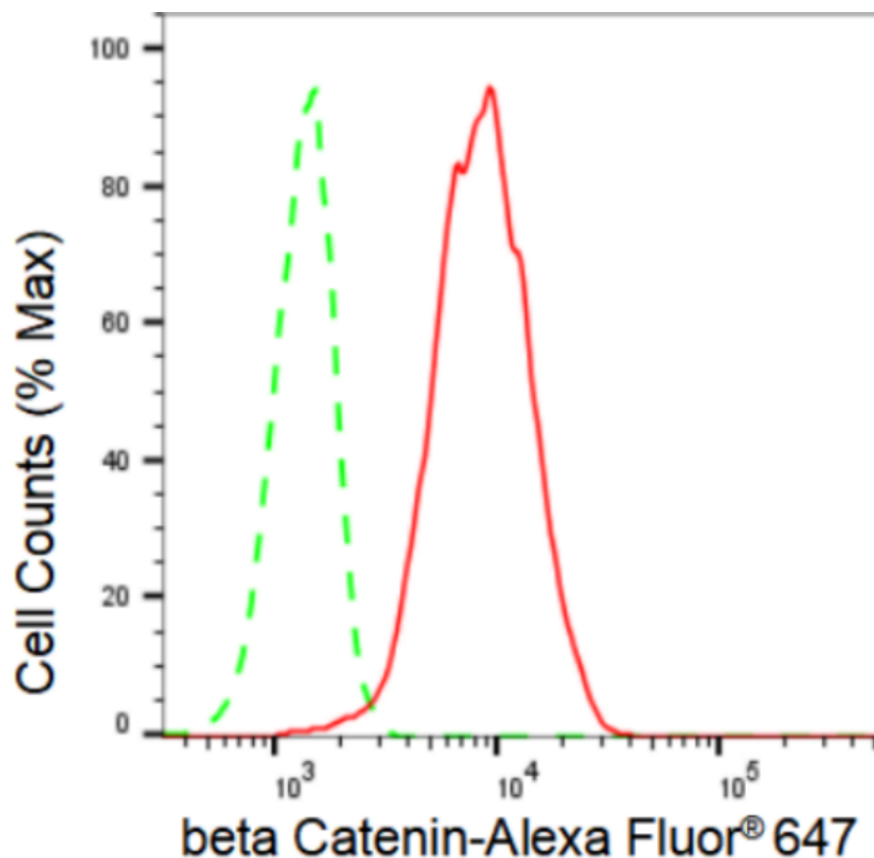
Note: This product is for research use only.

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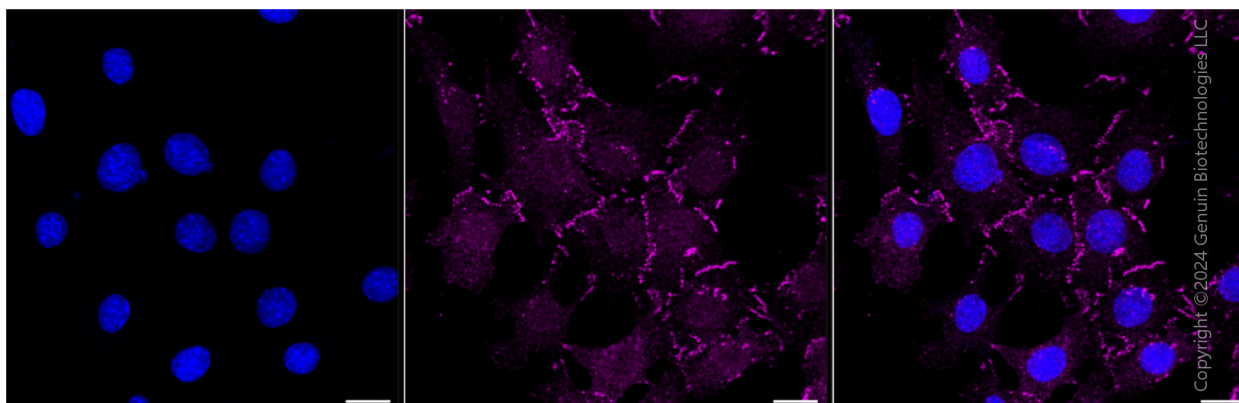SALES@GENUINBIOTECH.COM
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Validation Data

Flow cytometric analysis of beta Catenin expression in C2C12 cells using beta Catenin antibody (Cat#1751, 1:2,000). Green, isotype control; red, beta Catenin.

Immunocytochemical staining of C2C12 cells with beta Catenin antibody (Cat#1751, 1:1,000). Nuclei were stained blue with DAPI; beta Catenin 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.
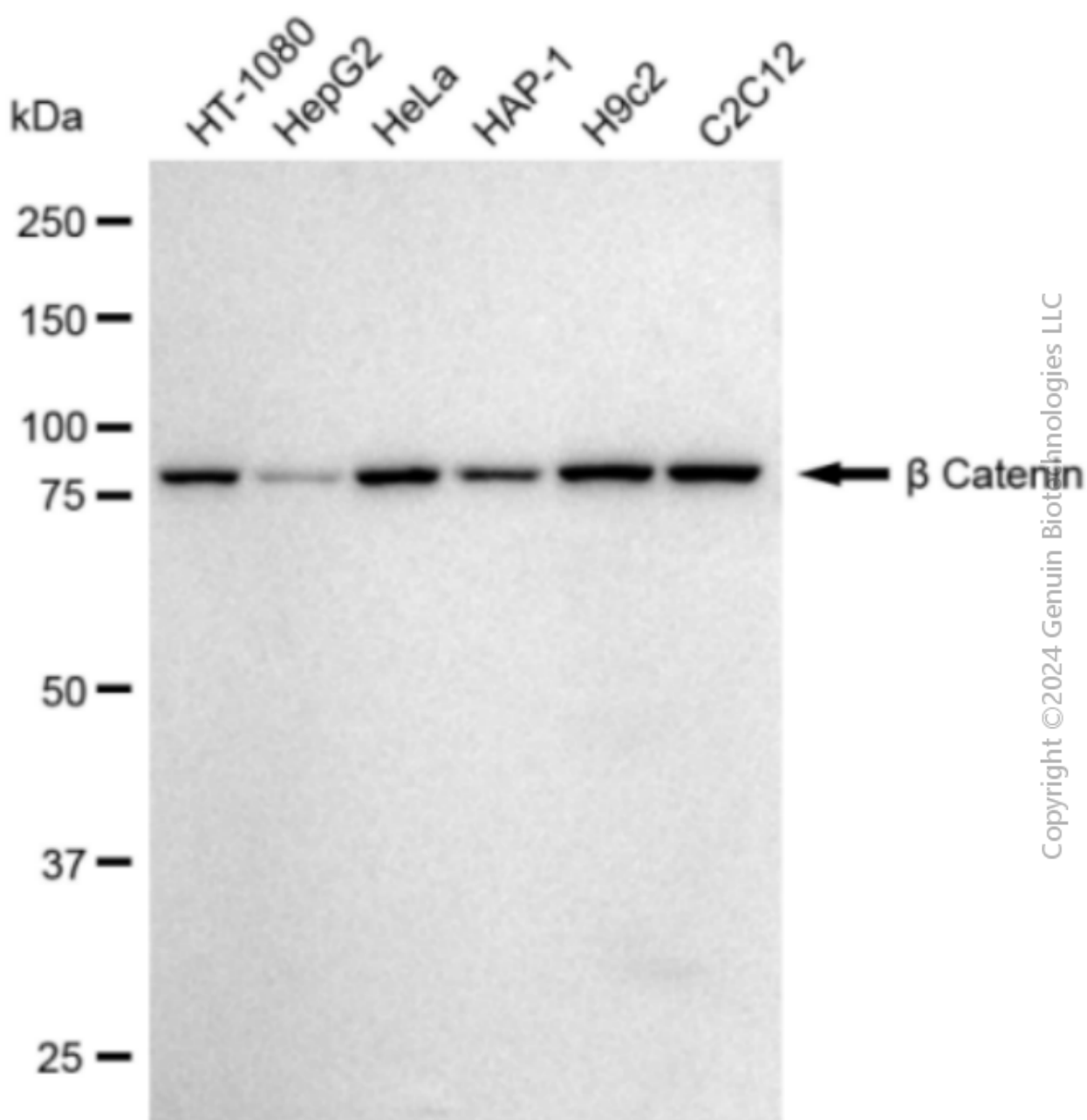

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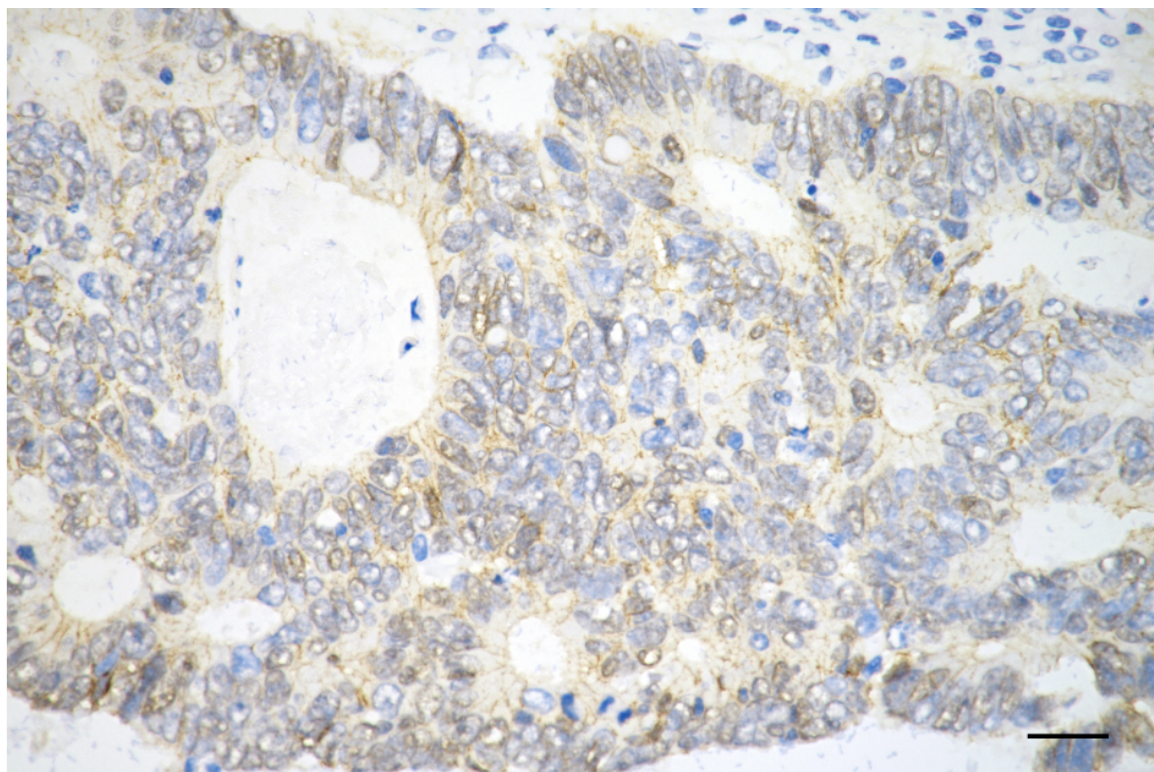SUPPORT@GENUINBIOTECH.COM
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Western blotting analysis using anti-β Catenin antibody (Cat#1751). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-β Cateninantibody (Cat#1751, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody (Cat#201, 1:50,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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Immunohistochemistry was performed on paraffin-embedded human sigmoid colon carcinoma using anti-glial fibrillary acidic protein antibody (Cat#1751, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 μm.

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