

KD-Validated Anti-Catenin alpha 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

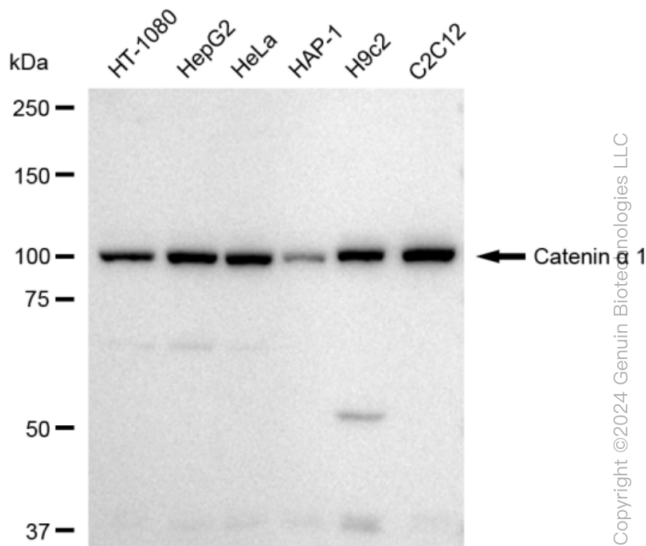
ABG1177

Product Overview

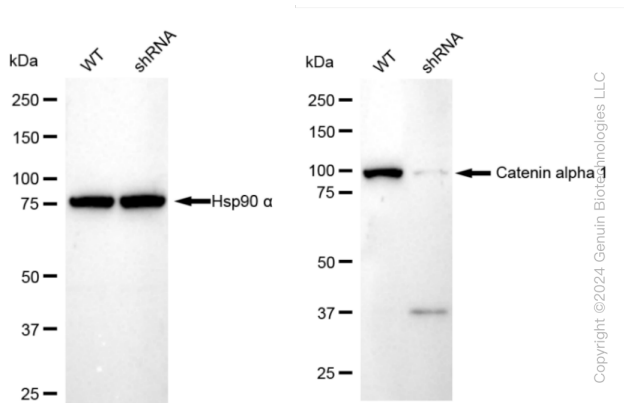
Name	KD-Validated Anti-Catenin alpha 1 Rabbit Monoclonal Antibody
Accession(Primary)	P35221
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human alpha 1 Catenin
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 100 kDa , observed, 100 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P35221)

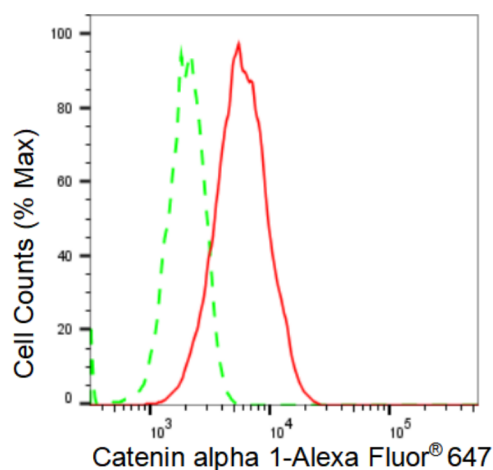
Gene Name	CTNNA1
About Gene Symbol	CTNNA1 (Catenin Alpha 1) is a cell junction/adhesion protein involved in adaptive immunity. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



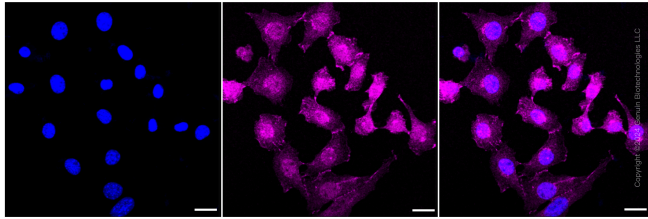
Western blotting analysis using anti-Catenin alpha 1 antibody (Cat#ABG1177). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Catenin alpha 1 antibody (Cat#ABG1177, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Catenin alpha 1 antibody (Cat#ABG1177). Catenin alpha 1 expression in wild type (WT) and Catenin alpha 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Catenin alpha 1 antibody (Cat#ABG1177, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Catenin alpha 1 expression in C2C12 cells using Catenin alpha 1 antibody (Cat#ABG1177, 1:2,000). Green, isotype control; red, Catenin alpha 1.



Immunocytochemical staining of C2C12 cells with Catenin alpha 1 antibody (Cat#ABG1177, 1:1,000). Nuclei were stained blue with DAPI; Catenin alpha 1 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.