

36-2630: Anti-Catenin, gamma (Cardiomyocyte Marker) Monoclonal Antibody(Clone: 15F11)

Clonality :	Monoclonal
Clone Name :	15F11
Application :	FACS,IF,WB
Reactivity :	Human, Mouse, Rat
Gene :	JUP
Gene ID :	3728
Uniprot ID :	P14923
Alternative Name :	ARVD12; Catenin (cadherin-associated protein), gamma 80kDa; Catenin gamma; CTNNG; Desmoplakin III; Desmoplakin-3; DP3; DP111; Junction Plakoglobin; PDGB; PKGB
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant, full length chicken Catenin gamma protein

Description

It recognizes a protein of 80-87kDa, identified as gamma-catenin. The catenins (-T-catenin, is located on chromosome 10, and mutations in this gene show a strong correlation to late-onset Alzheimer's disease (LOAD) as well as to dilated cardiomyopathy.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml);

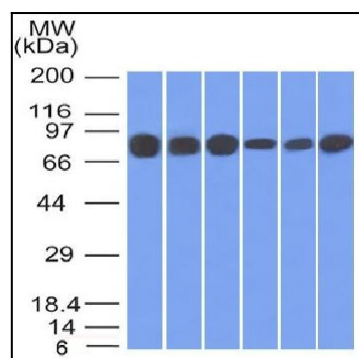


Fig. 1: Western Blot of HT20, 293, A431, MCF-7, HepG2 and A549 cell lysates using Catenin, gamma Mouse Monoclonal Antibody (15F11).

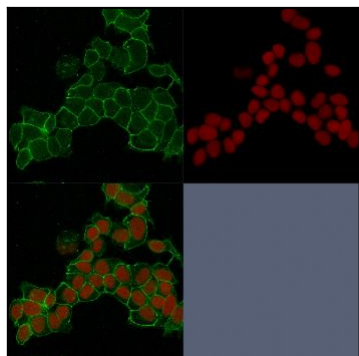


Fig. 2: Confocal immunofluorescence image of HeLa cells using Catenin, gamma Mouse Monoclonal Antibody (15F11) Green (CF488) and Reddot is used to label the nuclei Red.

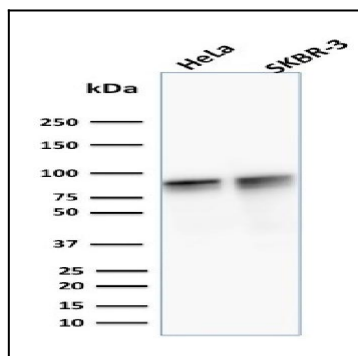


Fig. 3: Western Blot Analysis of human HeLa and SK-BR3 cell lysate using Catenin, gamma Mouse Monoclonal Antibody (11E4).

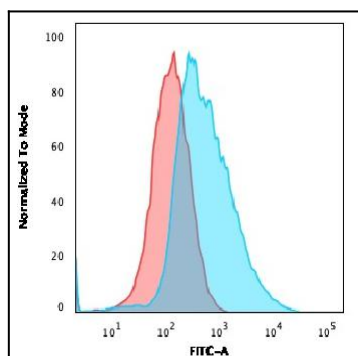


Fig. 4: Flow Cytometric Analysis of PFA-fixed MCF cells. Catenin, gamma Mouse Monoclonal Antibody (11E4) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).