

36-2129: Anti-Catenin, alpha-1 (CTNNA1) Monoclonal Antibody(Clone: 1G5)

Clonality :	Monoclonal
Clone Name :	1G5
Application :	FACS,IF,WB
Reactivity :	Human
Gene :	CTNNA1
Gene ID :	1495
Uniprot ID :	P35221
Alternative Name :	Alpha E-catenin; Cadherin-associated protein; CAP102; Catenin alpha-1; CTNNA1; Renal carcinoma antigen NY-REN-13
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Human alpha catenin fusion protein

Description

Recognizes a protein of 102kDa, identified as Catenin, alpha-1. Catenins comprise a large family of Ca²⁺-dependent, homotypic cell-cell adhesion molecules that play important roles in development, epithelial cell polarity and tumor progression. Alpha-catenin is a key regulator of actin dynamics in cell-cell adhesion. During cell-cell adhesion, -catenin and links the cadherins to actin associated with the cytoskeleton. Alpha-catenin also regulates the beta-catenin signaling in various cells. It displays the tumor suppressor activity and is found to be down regulated in some forms of breast cancer.'

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);

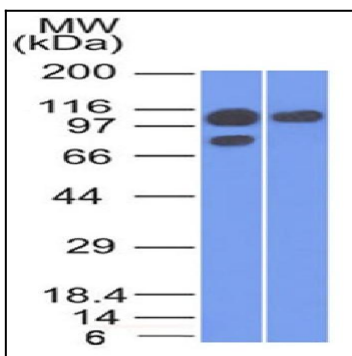


Fig. 1: Western Blot of A431 and MCF-7 cell lysate using Catenin, alpha-1 Mouse Monoclonal Antibody (1G5).

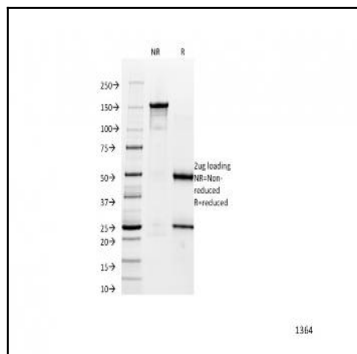


Fig. 2: SDS-PAGE Analysis Purified Catenin, alpha-1 Mouse Monoclonal Antibody (1G5).