



[Go to Product page](#)

Datasheet for ABIN6939199

anti-CTNNA1 antibody

2 Images

Overview

Quantity:	100 µg
Target:	CTNNA1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CTNNA1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	Human alpha catenin fusion protein
Clone:	1G5
Isotype:	IgG1 kappa
Specificity:	Recognizes a protein of 102 kDa, identified as Catenin, alpha-1. Catenins comprise a large family of Ca ²⁺ -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.'
Purification:	Purified by Protein A/G

Target Details

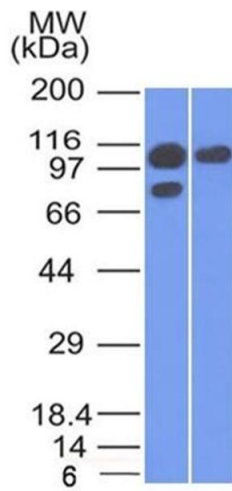
Target:	CTNNA1
Alternative Name:	CTNNA1 (CTNNA1 Products)
Molecular Weight:	102kDa
Gene ID:	1495
UniProt:	P35221
Pathways:	Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Maintenance of Protein Location

Application Details

Application Notes:	Positive Control: HeLa, A431 or MCF-7 cells. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (0.5-1.0 µg/mL)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

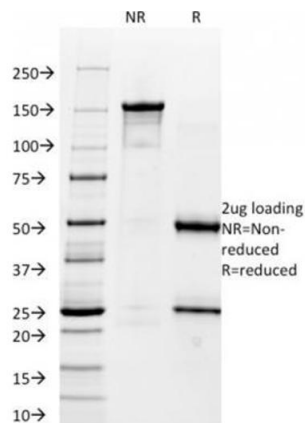
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	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. No MSDS required.
Expiry Date:	24 months



Western Blotting

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



SDS-PAGE

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

1364