

36-2137: Anti-Catenin, beta (p120) Monoclonal Antibody(Clone: 9F2)

| | |
|--------------------------------|--|
| Clonality : | Monoclonal |
| Clone Name : | 9F2 |
| Application : | FACS,IF,WB |
| Reactivity : | Human |
| Gene : | CTNNB1 |
| Gene ID : | 1499 |
| Uniprot ID : | P35222 |
| Alternative Name : | Cadherin associated protein, beta 1 88kDa, Catenin beta-1, CATNB, CHBCAT, CTNNB1 |
| Isotype : | Mouse IgG1, kappa |
| Immunogen Information : | Recombinant chicken β -catenin |

Description

This MAb recognizes a protein of 92kDa, which is identified as beta-catenin. It shows no cross-reaction with gamma-catenin (also known as plakoglobin). The catenins, alpha, beta and gamma bind to the highly conserved, intracellular cytoplasmic tail of E-cadherin. Together, the catenin/cadherin complexes play an important role mediating cellular adhesion. Alpha-catenin was initially described as an E-cadherin-associated protein, and has been shown to associate with other members of the cadherin family, such as N-cadherin and P-cadherin. Beta-catenin associates with the cytoplasmic portion of E-cadherin, which is necessary for the function of E-cadherin as an adhesion molecule. Beta-catenin has also been found in complexes with the tumor suppressor protein APC.

Product Info

| | |
|----------------------------|--|
| Amount : | 20 μ g / 100 μ g |
| Content : | 200 μ g/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)

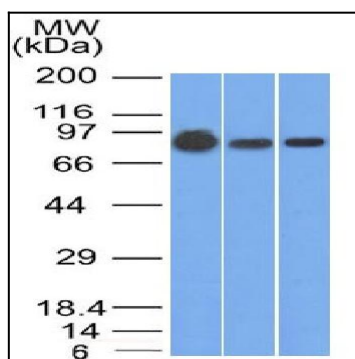


Fig. 1: Western Blot of A431, A549 and MCF-7 cell lysates using Catenin, beta Mouse Monoclonal Antibody (9F2)

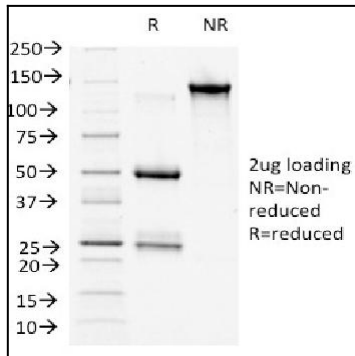


Fig. 2: SDS-PAGE Analysis of Purified Catenin, beta Mouse Monoclonal Antibody (9F2). Confirmation of Purity and Integrity of Antibody