



β -Catenin Mouse Monoclonal Antibody

E12-088

Catalog Number: E12-088

Amount: 100 μ g/100 μ l

Clone Number: 13C6

Background: The distinct peripheral cytosolic proteins, alpha, beta and gamma catenin (102, 94 and 86 kDa) are found in many tissues and bind to the conserved cytoplasmic tail domain of the cell adhesion cadherins. Catenins link E cadherin to other integral membrane or cytoplasmic proteins and are modulated by Wnt1 proto oncogene. The central core region of beta catenin is involved in mediation of cadherin catenin complex interaction with EGFR. Beta-Catenin-mediated signalling is involved at several stages of vertebrate neural development.

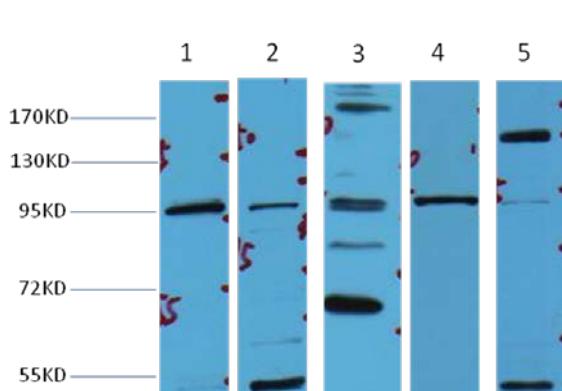
Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year. Do not aliquot the antibody.

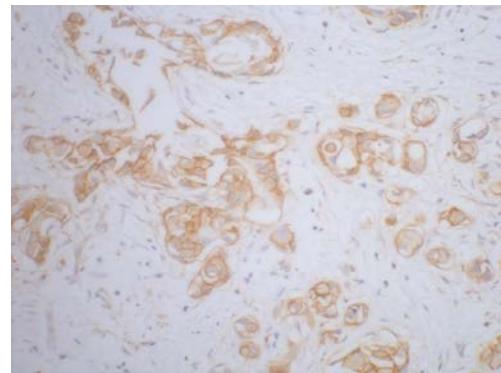
Specificity/Sensitivity: The β-Catenin Mouse Monoclonal antibody detects endogenous β-Catenin proteins.

Reactivity: H,M,R

Applications: WB: 1:1,000 IHC: 1:200



Western blot analysis of 1) HeLa, 2) 293T, 3) MCF7, 4) Mouse Brain tissue, 5) Rat Liver Tissue with β-Catenin mAb diluted at 1:2,000



IHC staining of human breast cancer tissue with β-Catenin mouse mAb(13C6) diluted at 1:200.