

β-Catenin Mouse Monoclonal Antibody(13C6)

Catalog No.: RA10333

Basic Information

Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	92KD

Applications

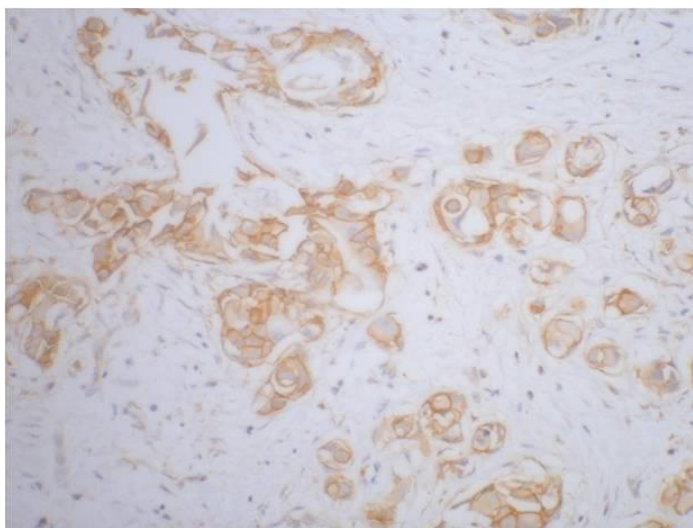
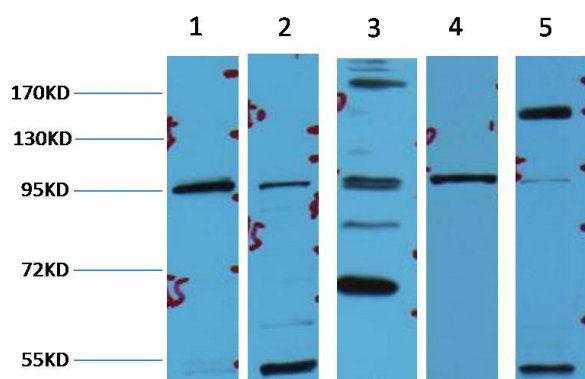
Recommended Dilution

WB	1:1,000
IHC	1:200

Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



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 diluted at 1:200.

Background

The distinct peripheral cytosolic proteins, α , β and γ 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 β catenin is involved in mediation of cadherin catenin complex interaction with EGFR. β -Catenin-mediated signalling is involved at several stages of vertebrate neural development.