

## β-Catenin Mouse Monoclonal Antibody(4F2)

Catalog TDY379C TDY379F

Tel: 010-82908854

Web: www.tdybio.com

Quantity 50μL 100μL

Entrez-Gene ID:1499 , Swiss-Prot Acc.P35222

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, R, M	~92KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C**. **Do not aliquot the antibody.**

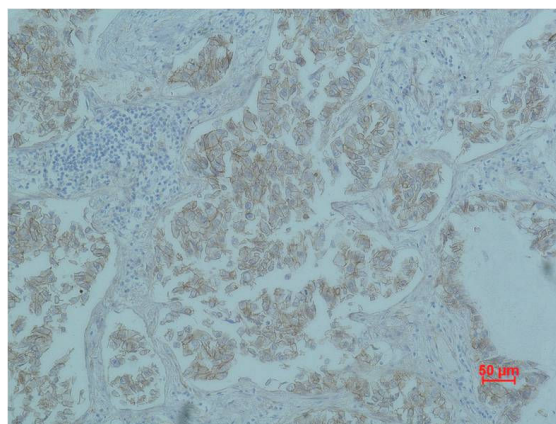
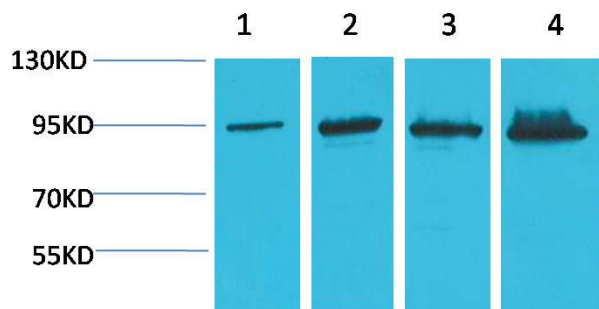
**Recommended dilutions:** WB: 1:1,000-2,000 IHC: 1:200-500

**Optimal dilutions should be determined by the end user.**

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

**Alternative Names:** beta catenin, b-catenin, CTNNB1, CTNNB1, FLJ25606, OTTHUMP00000162082

**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.



Western blot analysis of 1) Hela, 2) 293T, 3) Mouse Liver Tissue, 4) Rat Liver Tissue, with β-Catenin Mouse mAb TDY379 diluted at 1:2,000.

Immunohistochemical analysis of paraffin-embedded Human Lung carcinoma using β-Catenin (TDY379) Mouse mAb diluted at 1:500.