



ELK Biotechnology

β -Catenin Mouse mAb

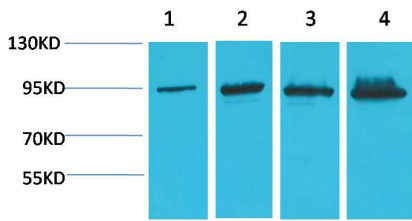
Catalog NO.: EM1183

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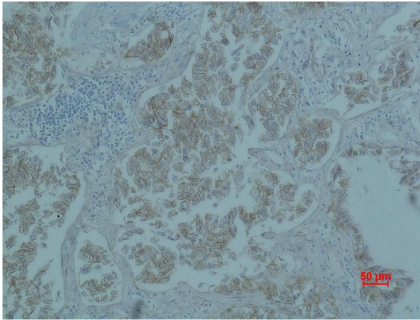
Overview

Product name	β -Catenin Mouse Monoclonal antibody
Source	Mouse
Applications	WB IHC
Species reactivity	Human Rat Mouse
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	92kDa
GeneID (Human)	1499
Human Swiss-Prot No.	P35222
Cellular localization	Cell junction Cell membrane Cell projection Cytoplasm Cytoskeleton Membrane Nucleus Synapse
Alternative Names	b cat Beta catenin beta-Catenin Catenin beta CTNNB CTNNB1 PRO2286
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) HeLa 2) 293T 3) Mouse Liver Tissue 4) Rat Liver Tissue with β -Catenin Mouse mAb EM1183 diluted at:2000.



Immunohistochemical analysis of paraffin-embedded Human Lung carcinoma using β -Catenin (EM1183) Mouse mAb diluted at:500.