

# β-Catenin Mouse Monoclonal Antibody

Catalog No: #38020



Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)

Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

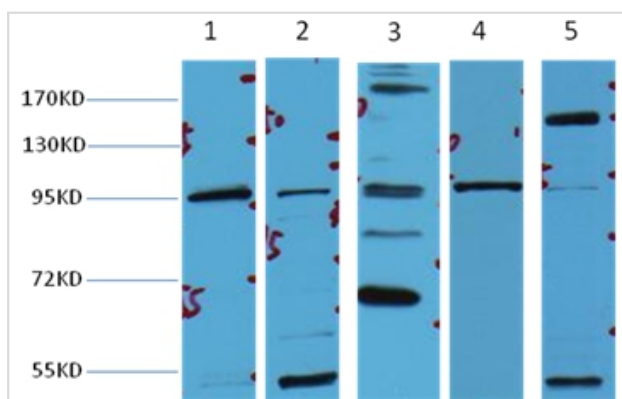
Product Name	β-Catenin Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	Affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The β-Catenin Mouse Monoclonal antibody detects endogenous β-Catenin proteins.
Target Name	β-Catenin
SDS-PAGE MW	92kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

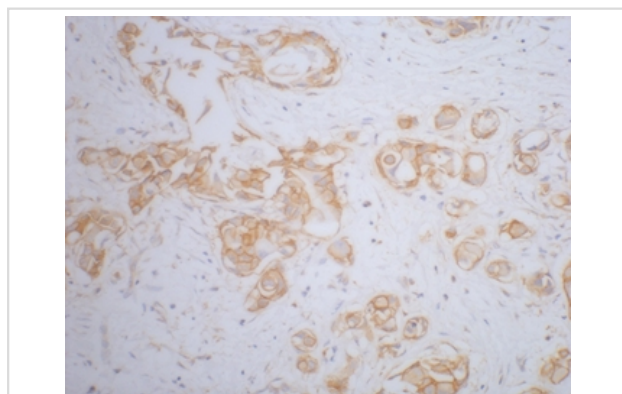
Western blotting: 1:1000~1:2000

Immunohistochemistry: 1:200

## Images



Western blot analysis of 1) HeLa, 2) 293T, 3) MCF7, 4) Mouse Brain tissue, 5) Rat Liver Tissue, using #38020 diluted at 1:2,000



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

## 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.

---

Note: This product is for in vitro research use only and is not intended for use in humans or animals.