Beta-Catenin Rabbit mAb

Catalog No: #48621

Package Size: #48621-1 50ul #48621-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Beta-Catenin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SA30-04
Purification	ProA affinity purified
Applications	WB, ICC, IHC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	Beta catenin antibody Beta-catenin antibody Cadherin associated protein antibody Catenin (cadherin associated protein), beta 1, 88kDa antibody Catenin beta 1 antibody Catenin beta-1 antibody CATNB antibody CHBCAT antibody CTNB1_HUMAN antibody CTNNB antibody CTNNB1 antibody DKFZp686D02253 antibody FLJ25606 antibody FLJ37923 antibody OTTHUMP00000162082 antibody OTTHUMP00000165222 antibody OTTHUMP00000165223 antibody OTTHUMP00000209288 antibody OTTHUMP00000209289 antibody
Accession No.	Swiss-Prot#:P35222
Calculated MW	92 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:5,000IHC: 1:20-1:200ICC: 1:20-1:50IP: 1:10-1:50

Background

β-Catenin is a key downstream effector in the Wnt signaling pathway. It is implicated in two major biological processes in vertebrates: early embryonic development and tumorigenesis. Phosphorylation at Ser-552 by AMPK promotes stabilizion of the protein, enhancing TCF/LEF-mediated transcription. Phosphorylation on Tyr-654 decreases CDH1 binding and enhances TBP binding. GSK-3β destabilizes β-catenin by phosphorylating it at Ser33, Ser37, and Thr41. Mutations at these sites result in the stabilization of β-catenin protein levels and have been found in many tumor cell lines.

References

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