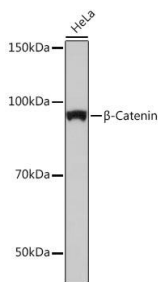


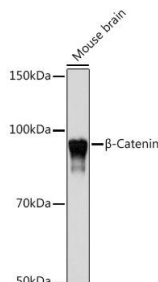
<b>Cat. No:</b>	MAB-94660
<b>Size:</b>	100 ug
<b>Clone:</b>	CB22
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Ms
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthesized peptide derived from human beta Catenin.
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200 Immunoprecipitation: 1:50 - 1:200
<b>Molecular Weight:</b>	92kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	CTNNB;MRD19;armadillo;beta Catenin;CTNNB1

**Background:** The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.

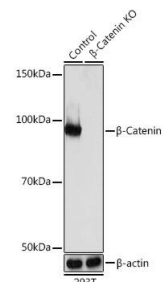
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of HeLa cells, using  $\beta$ -Catenin antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.

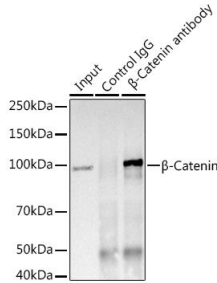


Western blot analysis of extracts of Mouse brain, using  $\beta$ -Catenin antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



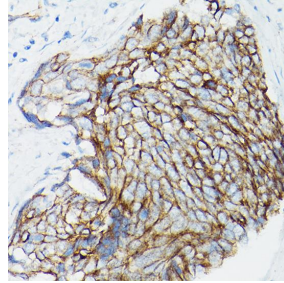
Western blot analysis of extracts from normal (control) and  $\beta$ -Catenin knockout (KO) 293T cells, using  $\beta$ -Catenin antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in

Detection: ECL West Pico Plus. Exposure time: 10s.



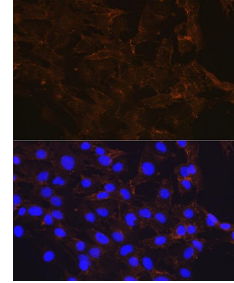
Immunoprecipitation analysis of 600ug extracts of Mouse brain using 3ug β-Catenin antibody. Western blot was performed from the immunoprecipitate using β-Catenin at a dilution of 1:1000.

Detection: ECL West Pico Plus. Exposure time: 10s.



Immunohistochemistry of paraffin embedded Human cervical squamous cell carcinoma using [KO Validated] β-Catenin Rabbit mAb at dilution of 1:100 (40x lens).

TBST. Detection: ECL West Pico Plus. Exposure time: 10s.



Immunofluorescence analysis of C6 cells using β-Catenin antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

## References

References for [KO Validated] β-Catenin Rabbit mAb

Product:[KO Validated] β-Catenin Rabbit mAb

Journal:Evid Based Complement Alternat Med

Application:WB

IF:1.81

Species:Homo sapiens

PMID:33014112

Title:Role of Chrysophanol in Epithelial-Mesenchymal Transition in Oral Cancer Cell Lines via a Wnt-3-Dependent Pathway

References for [KO Validated] β-Catenin Rabbit mAb

Product:[KO Validated] β-Catenin Rabbit mAb

Journal:Stem Cell Res Ther

Application:WB

IF:5.08

Species:Rattus norvegicus

PMID:33712069

Title:Morusin induces osteogenic differentiation of bone marrow mesenchymal stem cells by canonical Wnt/β-catenin pathway and prevents bone loss in an ovariectomized rat model.

References for [KO Validated] β-Catenin Rabbit mAb

Product:[KO Validated] β-Catenin Rabbit mAb

Journal:Front Pharmacol

Application:WB

IF:

Species: Homo sapiens

PMID: 33708105

Title: Transcriptome Analysis of the Inhibitory Effect of Sennoside A on the Metastasis of Hepatocellular Carcinoma Cells

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