

A10834

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# β-Catenin Rabbit mAb

Catalog No.: A10834

Recombinant

2 Publications

## Basic Information

### Observed MW

85kDa

### Calculated MW

85kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB,IHC-P,IF/ICC,IP,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## 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), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

IP 1:20 - 1:50

ELISA Recommended starting  
concentration is 1  
μg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

## Immunogen Information

### Gene ID

1499

### Swiss Prot

P35222

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

EVR7; CTNNB; MRD19; NEDSDV; armadillo; β-Catenin

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

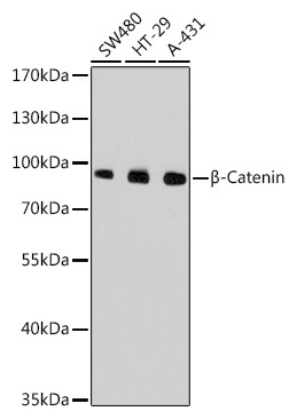
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Contact



[www.abclonal.com](http://www.abclonal.com)

# Validation Data



Western blot analysis of various lysates using  $\beta$ -Catenin Rabbit mAb (A10834).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.