

**Product Name: beta Catenin Rabbit Monoclonal Antibody**  
**Catalog #: AMRe86528**

---

## Summary

<b>Production Name</b>	beta Catenin Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, IHC, ICC/IF, FC
<b>Reactivity</b>	Human, Mouse, Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	beta Catenin
<b>Alternative Names</b>	EVR7; CTNNB; MRD19; NEDSDV; armadillo
<b>Gene ID</b>	1499, 12387, 84353
<b>SwissProt ID</b>	P35222, Q02248, Q9WU82.

## Application

<b>Dilution Ratio</b>	WB: 1:1000 IHC: 1:500-1:2000 ICC/IF: 1:50 FC: 1:1000
<b>Molecular Weight</b>	Calculated MW:86 kDa; Observed MW:86 kDa

**Product Name: beta Catenin Rabbit Monoclonal Antibody**  
**Catalog #: AMRe86528**

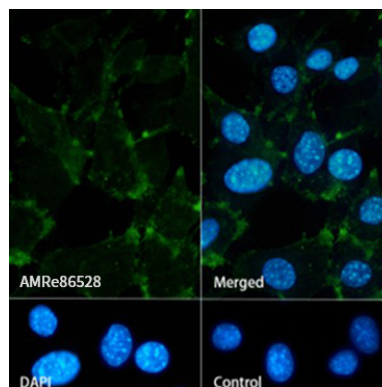
---

## 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. [provided by RefSeq, Aug 2016]

## Research Area

## Image Data



Immunofluorescence analysis of NIH/3T3 cells labelling beta Catenin with AMRe86528.

## Note

For research use only.