

**Product Name: beta Catenin (5D6) Mouse Monoclonal Antibody**  
**Catalog #: AMM03692**

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## Summary

<b>Production Name</b>	beta Catenin (5D6) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<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>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	CTNNB1
<b>Alternative Names</b>	CTNNB1; CTNNB; OK/SW-cl.35; Catenin beta-1; Beta-catenin
<b>Gene ID</b>	1499
<b>SwissProt ID</b>	P35222

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000
<b>Molecular Weight</b>	Calculated MW: 85 kDa; Observed MW: 92 kDa

## Background

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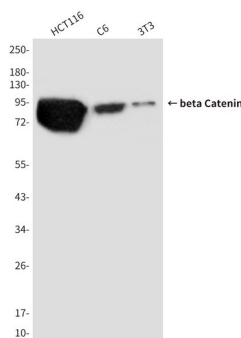


Beta-catenin is an adherens junction protein. Adherens junctions (AJs; also called the zonula adherens) are critical for the establishment and maintenance of epithelial layers, such as those lining organ surfaces. AJs mediate adhesion between cells, communicate a signal that neighboring cells are present, and anchor the actin cytoskeleton. In serving these roles, AJs regulate normal cell growth and behavior.

## Research Area

Signal Transduction

## Image Data



Western blot analysis of  $\beta$ Catenin in HCT116, C6 and 3T3 lysates using  $\beta$ Catenin antibody.

## Note

For research use only.