

Nur für Forschungszwecke

# Beta Catenin Monoklonaler Antikörper

Katalog-Nr.:CL594-66379



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66379	<b>GenBank-Zugangsnummer:</b> NM_001904	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von1499 Nanodrop;	<b>GeneID (NCBI):</b> 1499	<b>CloneNo.:</b> 1B8A1
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> catenin (cadherin-associated protein), beta 1, 88kDa	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 781 aa, 86 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 588 nm / 604 nm
	<b>Beobachtete Masse:</b> 92 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : MCF-7-Zellen,
<b>Getestete Reaktivität:</b> Hausschwein, Human, Maus, Ratte	

## Hintergrundinformationen

$\beta$ -Catenin, also known as CTNNB1, is an evolutionarily conserved, multifunctional intracellular protein.  $\beta$ -Catenin was originally identified in cell adherens junctions (AJs) where it functions to bridge the cytoplasmic domain of cadherins to  $\alpha$ -catenin and the actin cytoskeleton. Besides its essential role in the AJs,  $\beta$ -catenin is also a key downstream component of the canonical Wnt pathway that plays diverse and critical roles in embryonic development and adult tissue homeostasis. The Wnt/ $\beta$ -catenin pathway is also involved in the activation of other intracellular messengers such as calcium fluxes, JNK, and SRC kinases. Deregulation of  $\beta$ -catenin activity is associated with multiple diseases including cancers. (PMID: 22617422; 18334222)

## Lagerung

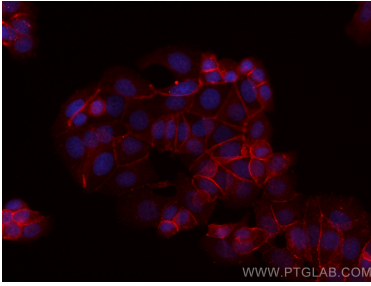
**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite®594 Beta Catenin antibody (CL594-66379, Clone: 1B8A1) at dilution of 1:200.