

# Product Datasheet

## beta-Catenin Antibody (1C9) - Azide and BSA Free H00001499-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00001499-M02**

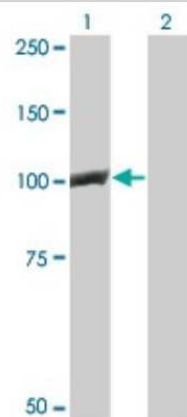
beta-Catenin Antibody (1C9) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1C9
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	1499
<b>Gene Symbol</b>	CTNNB1
<b>Species</b>	Human
<b>Marker</b>	Epithelial Cell Marker, Adherens Junction Marker
<b>Specificity/Sensitivity</b>	CTNNB1 (1C9)
<b>Immunogen</b>	CTNNB1 (AAH58926, 682 a.a. ~ 781 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LFRTEPMAWNETADLGLDIGAQGEPLGYRQDDPSYRSFHSGGGYGQDALGMD PMMEHEMGGHHPGADYPVDGLPDLGHAQDLMDGLPPGDSNQLAWFDTDL
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay, Knockdown Validated
<b>Application Notes</b>	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA and RNAi Validation.

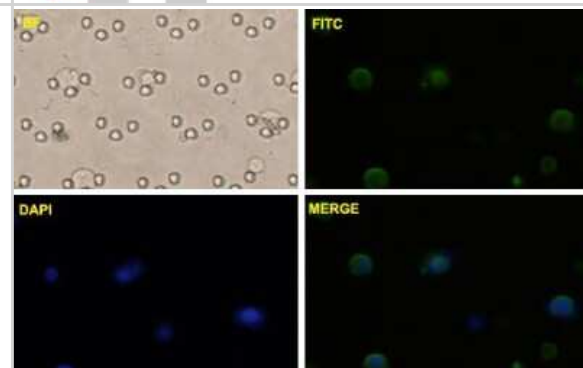


## Images

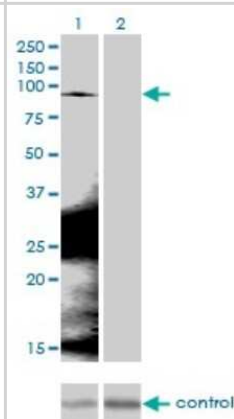
Western Blot: beta-Catenin Antibody (1C9) [H00001499-M02] - Analysis of CTNNB1 expression in transfected 293T cell line by CTNNB1 monoclonal antibody (M02), clone 1C9. Lane 1: CTNNB1 transfected lysate (85.5 KDa). Lane 2: Non-transfected lysate.



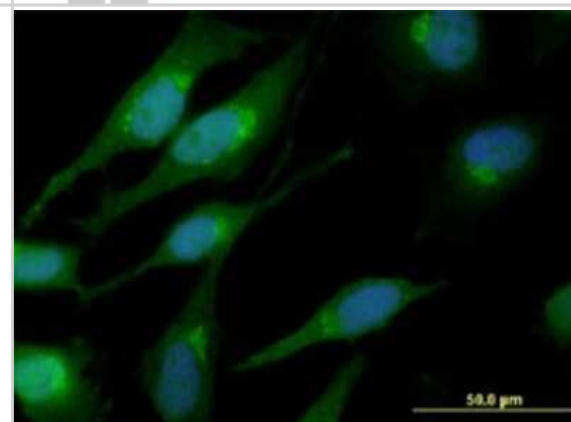
Immunocytochemistry/Immunofluorescence: beta-Catenin Antibody (1C9) [H00001499-M02] - PC-3 MM2 cells were stained with CTNNB1-FITC labeled monoclonal antibody (Green). The cell nucleus were counterstained with DAPI (Blue).



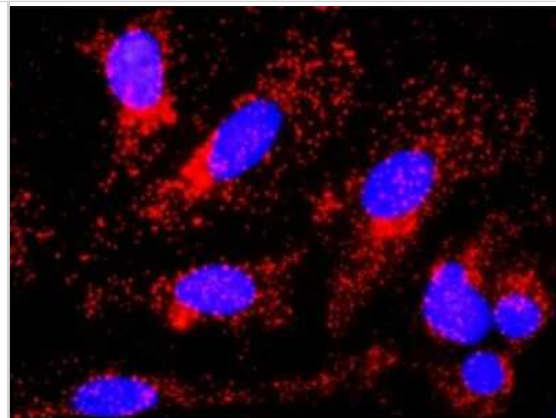
Western Blot: beta-Catenin Antibody (1C9) [H00001499-M02] - Analysis of CTNNB1 over-expressed 293 cell line, cotransfected with CTNNB1 Validated Chimera RNAi ( Cat # H00001499-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with CTNNB1 monoclonal antibody (M02), clone 1C9 (Cat # H00001499-M02 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



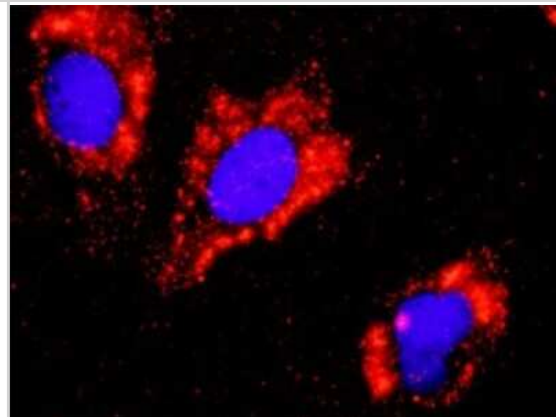
Immunocytochemistry/Immunofluorescence: beta-Catenin Antibody (1C9) [H00001499-M02] - Analysis of monoclonal antibody to CTNNB1 on HeLa cell. Antibody concentration 10 ug/ml.



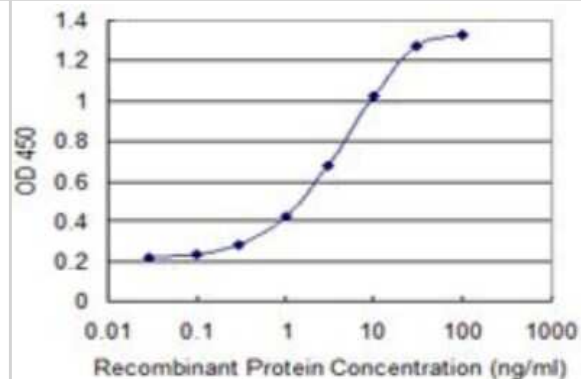
Proximity Ligation Assay: beta-Catenin Antibody (1C9) [H00001499-M02] - Analysis of protein-protein interactions between GSK3B and CTNNB1. HeLa cells were stained with anti-GSK3B rabbit purified polyclonal 1:1200 and anti-CTNNB1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Proximity Ligation Assay: beta-Catenin Antibody (1C9) [H00001499-M02] - Analysis of protein-protein interactions between FLT1 and CTNNB1. Huh7 cells were stained with anti-FLT1 rabbit purified polyclonal 1:1200 and anti-CTNNB1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA: beta-Catenin Antibody (1C9) [H00001499-M02] - Detection limit for recombinant GST tagged CTNNB1 is 0.1 ng/ml as a capture antibody.



## Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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### **Products Related to H00001499-M02**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-61628PEP	beta-Catenin Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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