

Datasheet for ABIN364501
anti-CTNNB1 antibody (C-Term)



[Go to Product page](#)

3 Images

Overview

Quantity:	50 µg
Target:	CTNNB1
Binding Specificity:	AA 758-771, C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CTNNB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant human beta-catenin (~88kD). Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Recognizes an epitope in the carboxy terminus, amino acids 758-771, of human beta-catenin.
Purification:	Affinity purified

Target Details

Target:	CTNNB1
---------	--------

Target Details

Alternative Name: CTNNB1 / Beta Catenin ([CTNNB1 Products](#))

Background: Name/Gene ID: CTNNB1
Family: Catenin

Synonyms: CTNNB1, Beta-catenin, Catenin beta-1, CTNNB, Beta Catenin

Gene ID: 1499

UniProt: [P35222](#)

Pathways: [WNT Signaling](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Peptide Hormone Metabolism](#), [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Tube Formation](#), [Maintenance of Protein Location](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#)

Application Details

Application Notes: Approved: ICC, IHC, IHC-P (10 µg/mL), IP, WB

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.6. No stabilizing proteins, preservatives, no glycerol added.

Preservative: Without preservative

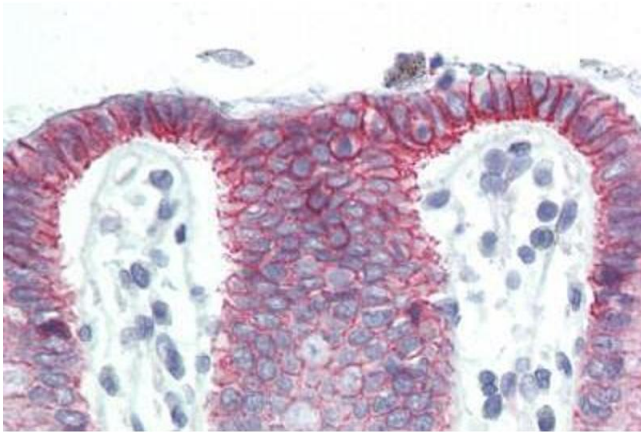
Handling Advice: Avoid repeat freeze-thaw cycles.

Handling

Storage: 4 °C, -20 °C

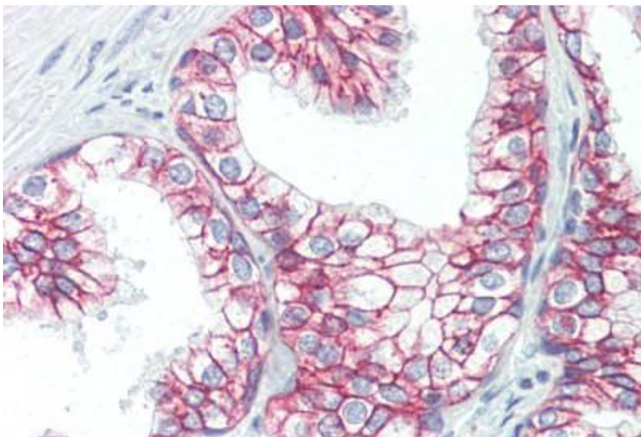
Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images



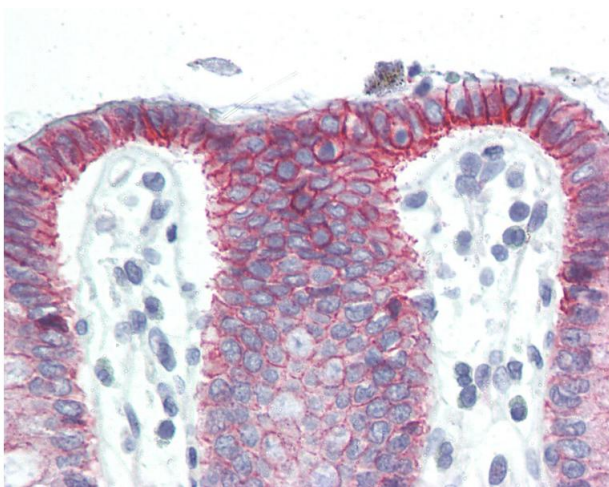
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Colon (formalin-fixed, paraffin-embedded) stained with CTNNB1 antibody ABIN364501 at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Prostate (formalin-fixed, paraffin-embedded) stained with CTNNB1 antibody ABIN364501 at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-CTNNB1 / Beta Catenin antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.