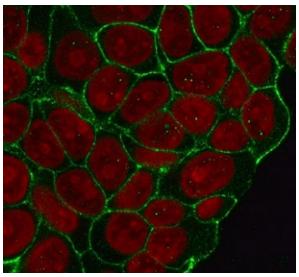
# Recombinant Beta Catenin Antibody CTNB1-1R / Rabbit Monoclonal [clone CTNB1-1R] (V3677)

| Catalog No. | Formulation | Size |
|---|---|---|
| V3677-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V3677-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V3677SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |
| V3677IHC-7ML | Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only* | 7 ml |

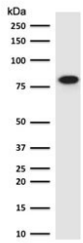
Recombinant RABBIT MONOCLONAL

**Bulk quote request**

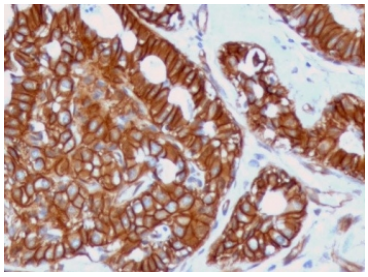
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG, kappa |
| **Clone Name** | CTNB1-1R |
| **Purity** | Protein A affinity chromatography |
| **UniProt** | P35222 |
| **Localization** | Cell surface, cytoplasmic, cell junctions |
| **Applications** | Western blot: 1-2ug/ml<br>Immunofluorescence: 1-2ug/ml<br>Immunohistochemistry (FFPE): 1-2ug/ml<br>Prediluted IHC only format : incubate for 30 min at RT (1) |
| **Limitations** | This Recombinant Beta Catenin Antibody CTNB1-1R is available for research use only. |



Recombinant Beta Catenin Antibody CTNB1-1R Rabbit Monoclonal IF. Immunofluorescent staining of human HeLa cells with recombinant Beta Catenin antibody (clone CTNB1-1R, green) and Reddot nuclear stain (red).




Recombinant Beta Catenin Antibody CTNB1-1R Rabbit Monoclonal WB. Western blot testing of human HeLa antibody with recombinant Beta Catenin antibody (clone CTNB1-1R). Predicted molecular weight ~85 kDa, but routinely observed at 90-95 kDa.



Recombinant Beta Catenin Antibody CTNB1-1R Rabbit Monoclonal Immunohistochemistry. IHC staining of FFPE human breast cancer tissue with recombinant beta Catenin antibody (clone CTNB1-1R). Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9, for 10-20 min followed by cooling at RT for 20 min.

## Description

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. [RefSeq]

This CTNNB1 antibody complements our Beta-Catenin Antibody / CTNNB1 Antibody (clone CTNNB1/2030R) for broader analysis of CTNNB1 expression and localization.

## Application Notes

Titration of the Recombinant Beta Catenin Antibody CTNB1-1R may be required due to differences in protocols and secondary/substrate sensitivity.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Beta Catenin protein was used as the immunogen for the Recombinant Beta Catenin Antibody CTNB1-1R.

## Storage

Store the Recombinant Beta Catenin Antibody CTNB1-1R at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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