

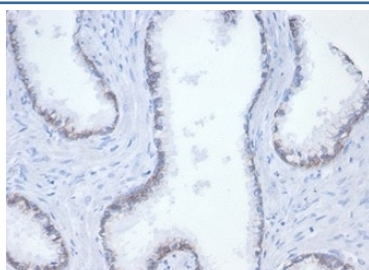
## Recombinant Catenin Beta Antibody [clone rCTNNB1/7358] (V8966)

| Catalog No.    | Formulation                                                             | Size   |
|----------------|-------------------------------------------------------------------------|--------|
| V8966-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V8966-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug  |
| V8966SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                          | 100 ug |

Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

|                    |                                                                            |
|--------------------|----------------------------------------------------------------------------|
| Availability       | 1-3 business days                                                          |
| Species Reactivity | Human                                                                      |
| Format             | Purified                                                                   |
| Clonality          | Recombinant Mouse Monoclonal                                               |
| Isotype            | Mouse IgG1, kappa                                                          |
| Clone Name         | rCTNNB1/7358                                                               |
| Purity             | Protein A/G affinity                                                       |
| UniProt            | P35222                                                                     |
| Localization       | Cell Surface, Cytoplasm                                                    |
| Applications       | Immunohistochemistry (FFPE) : 1-2ug/ml                                     |
| Limitations        | This recombinant Catenin Beta antibody is available for research use only. |



IHC staining of FFPE human tonsil tissue with recombinant Catenin Beta antibody (clone rCTNNB1/7358). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

### Description

Beta-catenin associates with the cytoplasmic portion of E-cadherin, which is necessary for the function of E-cadherin as an adhesion molecule. In normal tissues, beta-catenin is localized to the membrane of epithelial cells, consistent with its role in the cell adhesion complex. In breast ductal neoplasia, beta-catenin is usually localized in cellular membranes. However, in lobular neoplasia, a marked redistribution of beta-catenin throughout the cytoplasm results in a diffuse

cytoplasmic pattern. Immuno-staining of beta-catenin and E-cadherin is helps in the accurate identification of ductal and lobular neoplasms, including a distinction between low-grade ductal carcinoma in situ (DCIS) and lobular carcinoma. Additionally, some rectal and gastric adenocarcinomas demonstrate diffuse cytoplasmic beta-catenin staining and a lack of membranous staining, mimicking the staining pattern observed with lobular breast carcinomas.

## **Application Notes**

Optimal dilution of the recombinant Catenin Beta antibody should be determined by the researcher.

## **Immunogen**

Recombinant full-length human Beta-Catenin/CTNNB1 protein was used as the immunogen for the recombinant Catenin Beta antibody.

## **Storage**

Aliquot the recombinant Catenin Beta antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.