

b-Catenin Antibody [clone 6F9] (V3250)

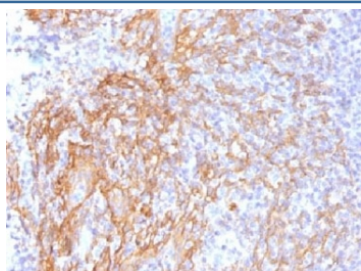
| Catalog No. | Formulation | Size |
|----------------|--|--------|
| V3250-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V3250-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V3250SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |



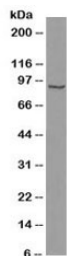
Citations (15)

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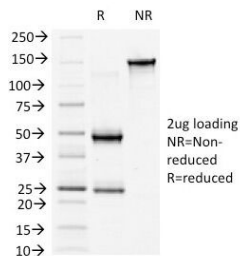
| | |
|--------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG1, kappa |
| Clone Name | 6F9 |
| Purity | Protein G affinity chromatography |
| UniProt | P35222 |
| Localization | Cell surface, cytoplasmic, cell junctions |
| Applications | Flow Cytometry : 0.5-1ug/10 ⁶ cells Immunofluorescence : 1-2ug/ml Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT |
| Limitations | This b-Catenin antibody is available for research use only. |



IHC testing of FFPE human tonsil tissue with b-Catenin antibody (clone 6F9). Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min.



Western blot testing of human HeLa cell lysate with b-Catenin antibody (clone 6F9). Predicted molecular weight ~85 kDa, but routinely observed at 90-95 kDa.



SDS-PAGE Analysis of Purified, BSA-Free b-Catenin Antibody (clone 6F9). Confirmation of Integrity and Purity of the Antibody.

Description

Beta Catenin is a dual function protein, regulating the coordination of cell–cell adhesion and gene transcription. In humans, the CTNNB1 protein is encoded by the CTNNB1 gene. In Drosophila, the homologous protein is called armadillo. b-Catenin is a subunit of the cadherin protein complex and acts as an intracellular signal transducer in the Wnt signaling pathway. It is a member of the catenin protein family and homologous to gamma-Catenin, also known as plakoglobin. b-Catenin is widely expressed in many tissues. In cardiac muscle, it localizes to adherens junctions in intercalated disc structures, which are critical for electrical and mechanical coupling between adjacent cardiomyocyte. [Wiki]

Application Notes

Optimal dilution of the b-Catenin antibody to be determined by the researcher.

Immunogen

Chicken beta-Catenin was used as the immunogen for the b-Catenin antibody.

Storage

Store the b-Catenin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).