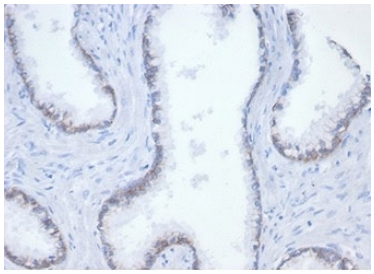
Recombinant Catenin Beta Antibody rCTNNB1/7358 / Recombinant Mouse MAb [clone rCTNNB1/7358] (V8966)

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
Host	Mouse
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 rCTNNB1/7358 is available for research use only.



Recombinant Catenin Beta Antibody rCTNNB1/7358 Immunohistochemistry Analysis. 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.

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

Application Notes

Optimal dilution of the Recombinant Catenin Beta Antibody rCTNNB1/7358 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 rCTNNB1/7358.

Storage

Aliquot the Recombinant Catenin Beta Antibody rCTNNB1/7358 and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.