Product Datasheet

beta-Catenin Antibody (9F2) - Azide and BSA Free
NBP2-54495-100ug

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-54495-100ug

beta-Catenin Antibody (9F2) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9F2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	92 kDa

Product Description

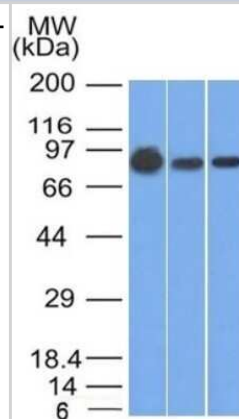|	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53257). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	1499
Gene Symbol	CTNNB1
Species	Human, Bovine, Canine, Chicken
Specificity/Sensitivity	This monoclonal antibody recognizes a protein of 92kDa, which is identified as beta-catenin. It shows no cross-reaction with gamma-catenin (also known as plakoglobin). The catenins, alpha, beta and gamma bind to the highly conserved, intracellular cytoplasmic tail of E-cadherin. Together, the catenin/cadherin complexes play an important role mediating cellular adhesion. Alpha-catenin was initially described as an E-cadherin-associated protein, and has been shown to associate with other members of the cadherin family, such as N-cadherin and P-cadherin. Beta-catenin associates with the cytoplasmic portion of E-cadherin, which is necessary for the function of E-cadherin as an adhesion molecule. Beta-catenin has also been found in complexes with the tumor suppressor protein APC.
Immunogen	Recombinant chicken beta-Catenin (Uniprot: P35222)

Product Application Details

Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 0.5 - 1 ug/ml, Flow Cytometry 0.5 - 1 ug/million cells, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, CyTOF-ready
Application Notes	Optimal dilution for a specific application should be determined.

Images

Western Blot: beta-Catenin Antibody (9F2) - Azide and BSA Free [NBP2-54495] - Western Blot of A431, A549 and MCF-7 cell lysates using beta-Catenin Antibody (9F2)

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Products Related to NBP2-54495-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-61628PEP	beta-Catenin Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.
Primary Antibodies are guaranteed for 1 year from date of receipt.

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