

Product Datasheet

beta-Catenin Antibody NB100-2141-0.05ml

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-2141

Updated 5/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-2141



NB100-2141-0.05ml

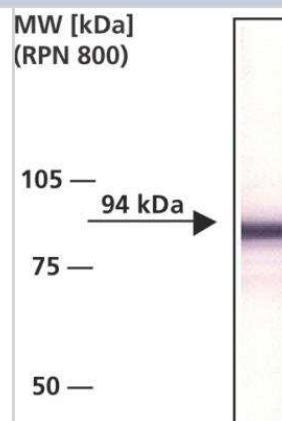
beta-Catenin Antibody

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.9% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	94 kDa
Product Description	
Host	Rabbit
Gene ID	1499
Gene Symbol	CTNNB1
Species	Human, Mouse, Rat, Porcine, Chicken, Fish, Xenopus
Reactivity Notes	Cross-reacts with Zebrafish. Expected to cross-react with a wide range of species due to sequence identity. Not yet tested in other species.
Marker	Epithelial Cell Marker, Adherens Junction Marker
Specificity/Sensitivity	Reacts in dot blot with beta-catenin peptide 768-781 conjugated to BSA. In immunoblots, reacts with a 94kD protein in extracts of Madin-Darby Bovine Kidney (MDBK) cultured cells. Specific staining is inhibited following pre-incubation of the antiserum with immunizing peptide. The antiserum has been treated to remove lipoproteins. The antibody does not cross react with a-catenin or y-catenin (plakoglobin).
Immunogen	Synthetic peptide: PGDSNQLAWFDTDL conjugated to KLH, corresponding to amino acids 768-781 of Human or mouse, Catenin.
Product Application Details	
Applications	Western Blot, Dot Blot, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:4000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:2000, Dot Blot 1:100-1:2000
Application Notes	Western blot, Dot blot, IHC-Fr. Use at an assay dependant dilution. IHC-Fr: Use bovine kidney frozen sections or cultured MDBK cells. WB: MDBK cells extract. Optimal dilutions/concentrations should be determined by the end user. Although not tested, this antibody may be useful in Immunocytochemistry.



Images

Western Blot: beta-Catenin Antibody [NB100-2141] - MDBK cells were separated on SDS-PAGE and probed with anti-beta Catenin.



Publications

Hsieh YT, Chou MM, Chen HC, Tseng JJ. IMP1 promotes choriocarcinoma cell migration and invasion through the novel effectors RSK2 and PPME1. *Gynecol Oncol.* 2013-10-01 [PMID: 23911878]

Goentoro L, Kirschner MW. Evidence that fold-change, and not absolute level, of beta-catenin dictates Wnt signaling. *Mol Cell* 2009-12-11 [PMID: 20005849]

Dalmaso AP, Goldish D, Benson BA et al. IL-4 Induces Up-regulation of Endothelial Cell Claudin-5 through Activation of FoxO1: Role in Protection from Complement-mediated Injury. *J Biol Chem.* 2013-11-26 [PMID: 24280217] (WB, Porcine)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-2141

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

