

Product Datasheet

pan Cadherin Antibody NB200-592

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 9

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB200-592

Updated 10/23/2024 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/NB200-592



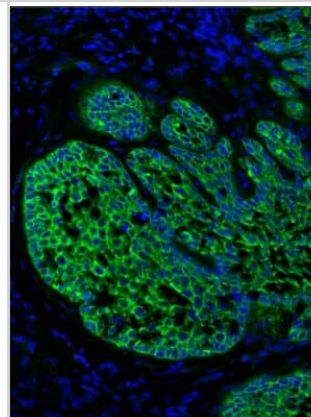
NB200-592

pan Cadherin Antibody

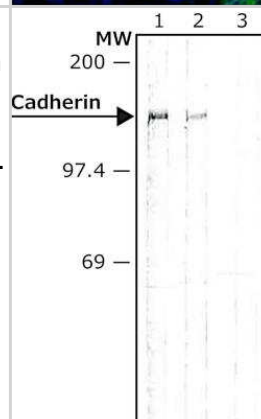
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.9% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Product Description	
Host	Rabbit
Gene ID	999
Gene Symbol	CDH1
Species	Human, Mouse, Rat, Amphibian, Avian, Bovine, Canine, Chicken, Fish, Rabbit, Xenopus
Marker	Mesenchymal Cells Marker
Specificity/Sensitivity	Recognizes all cadherin members. Rabbit Anti-Pan Cadherin shows specific reactivity with a distinct 135 kDa band on chicken or rabbit heart extract blots using indirect immunoblotting.
Immunogen	Synthetic peptide: DYDYLNWGWPRFKKLADMYGGDD conjugated to KLH by a Glutaraldehyde linker. Sequence corresponds to the C-terminal amino acids of N-Cadherin (Chicken), with an extra N-terminal lysine residue (24 amino acids).
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:1000, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	This antibody is useful for: Western Blot. IHC-P: Perform enzymatic antigen retrieval before commencing with IHC staining protocol. WB: On chicken and rabbit heart extract this antibody detects a single band at 135 kD.

Images

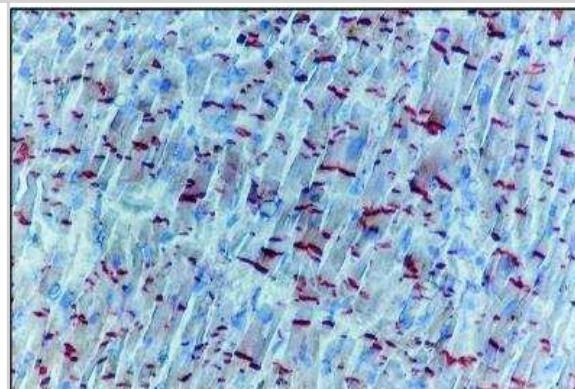
Immunohistochemistry-Paraffin: pan Cadherin Antibody [NB200-592] - Mouse cervical cancer tissue stained with N-Cadherin antibody (green). Nuclei were counterstained with DAPI (Blue). Antigen retrieval was done with pepsin treatment. Image from verified customer review.



Western Blot: pan Cadherin Antibody [NB200-592] - Whole extract of Chicken Cardiac Muscle were separated on SDS-PAGE and probed with Anti-Pan Cadherin antibody produced in Rabbit. The antibody was developed using 1:1000 Anti-Rabbit IgG (whole molecule)-Peroxidase antibody produced in Goat. Lanes: 1. 1:200 antibody 2. 1:400 antibody 3. Negative Control



Immunohistochemistry: pan Cadherin Antibody [NB200-592] - Immunoperoxidase staining of a formalin-fixed, paraffin-embedded section of human heart using Rabbit Anti-Pan Cadherin.



Publications

Jacqueline Chevalier, Hao Yin, John-Michael Arpino, Caroline O'Neil, Zengxuan Nong, Kevin J. Gilmore, Jason J. Lee, Emma Prescott, Matthew Hewak, Charles L. Rice, Luc Dubois, Adam H. Power, Douglas W. Hamilton, J. Geoffrey Pickering Obstruction of Small Arterioles in Patients with Critical Limb Ischemia due to Partial Endothelial-to-Mesenchymal Transition *iScience* 2020-06-06 [PMID: 32629616]

Mareninova OA, Vegh ET, Shalbueva N et al. Dysregulation of mannose-6-phosphate dependent cholesterol homeostasis in acinar cells mediates pancreatitis *The Journal of clinical investigation* 2021-06-15 [PMID: 34128834] (Mouse)

Liu X, Bao X, Hu M et al. Inhibition of PCSK9 potentiates immune checkpoint therapy for cancer *Nature* 2020-11-11 [PMID: 33177715]

Yu G, Liu Y, Qin J et al. Mechanistic insights into the interaction of the MOG1 protein with the cardiac sodium channel Nav1.5 clarify the molecular basis of Brugada syndrome. *J. Biol. Chem.* 2018-10-03 [PMID: 30282806] (WB, Human)

Cao Y, Slaney CY, Bidwell BN et al. BMP4 Inhibits Breast Cancer Metastasis by Blocking Myeloid-Derived Suppressor Cell Activity. *Cancer Res.* 2014-09-15 [PMID: 25224959] (IHC-P, Mouse)

Adams JR, Xu K, Liu JC et al. Cooperation between Pik3ca and p53 mutations in mouse mammary tumor formation. *Cancer Res.* 2011-04-01 [PMID: 21324922] (IHC-P, Mouse)

Jiang Z, Deng T, Jones R et al. Rb deletion in mouse mammary progenitors induces luminal-B or basal-like/EMT tumor subtypes depending on p53 status. *J Clin Invest.* 2010-09-01 [PMID: 20679727] (IHC-P, ICC/IF, Mouse)

Karamchandani J, Wu MY, Das S et al. Highly proliferative sellar chordoma with unusually rapid recurrence *Neuropathology* 2012-10-22 [PMID: 23082799] (IF/IHC, Human)

Karlen A, Karlsson TE, Mattsson A et al. Nogo receptor 1 regulates formation of lasting memories. *Proc Natl Acad Sci U S A*;106(48):20476-81. 2009-12-01 [PMID: 19915139]





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

Products Related to NB200-592

NBL1-09024	E-Cadherin Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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/NB200-592

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

