

Product Datasheet

Nidogen-1/Entactin Antibody (ELM1) - BSA Free NBP1-97701

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-97701

Updated 11/1/2024 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/NBP1-97701



NBP1-97701

Nidogen-1/Entactin Antibody (ELM1) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ELM1
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A or G purified
Buffer	PBS, pH 7.2
Product Description	
Description	The antibody may be stored at 4C. For prolonged storage prepare appropriate aliquots and store at or below -20C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at 4C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance or the concentration of the product.
Host	Rat
Gene ID	4811
Gene Symbol	NID1
Species	Mouse
Specificity/Sensitivity	This antibody reacts with Nidogen-1/Entactin.
Immunogen	Derived by fusion of X63 Ag 8.653 mouse myeloma cells with spleen cells from a Fisher rat immunized with a partially purified preparation of laminin from the EHS mouse tumor.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:25-1:200
Application Notes	This antibody is suitable for immunoblotting, immunocytochemistry and immunohistochemistry on frozen tissues. Optimal antibody dilution should be determined by titration; recommended range is 1:25 - 1:200 for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:100 - 1:1000 for immunoblotting applications.

Publications

Morgner J, Bornes L, Hahn K et al. A Lamb1Dendra2 mouse model identifies basement-membrane-producing origins and dynamics in PyMT breast tumors *Developmental cell* 2023-03-06 [PMID: 36905927] (IHC-Fr, Mouse)

Kumar S, Fan X, Milo Rasouly H et al. ZEB2 controls kidney stromal progenitor differentiation and inhibits abnormal myofibroblast expansion and kidney fibrosis *JCI insight* 2022-11-29 [PMID: 36445780] (ICC/IF, Mouse)

Widmeier, E, Airik, M Et al. Treatment with 2,4-Dihydroxybenzoic Acid Prevents FSGS Progression and Renal Fibrosis in Podocyte-Specific Coq6 Knockout Mice. *J Am Soc Nephrol* 2019-02-08 [PMID: 30737270] (WB, Human)

Widmeier, E, Yu, S Et al. ADCK4 Deficiency Destabilizes the Coenzyme Q Complex, Which Is Rescued by 2,4-Dihydroxybenzoic Acid Treatment. *J Am Soc Nephrol* 2020-06-01 [PMID: 32381600] (WB, Mouse)

Jagroop R, Martin CJ, Moorehead RA Nidogen 1 regulates proliferation and migration/invasion in murine claudin-low mammary tumor cells *Oncology letters* 2021-01-01 [PMID: 33281963] (WB, Mouse)

Jagroop R The Effects of Nidogen-1 on Claudin-Low Mammary Tumor Cells Thesis (WB, Mouse)





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 NBP1-97701

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)
236-EG-200	EGF [Unconjugated]

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/NBP1-97701

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

