

Product Datasheet

Lamin B1 Antibody (CL3929) - Azide and BSA Free NBP3-44038

Unit Size: 100 ul

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

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NBP3-44038

Lamin B1 Antibody (CL3929) - Azide and BSA Free

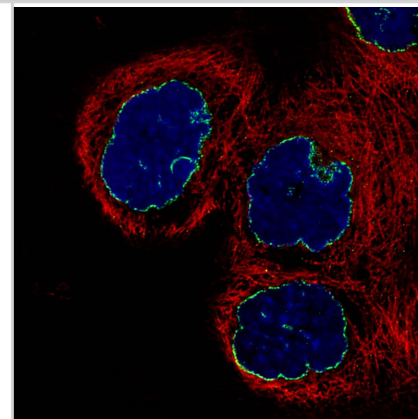
Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3929
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	4001
Gene Symbol	LMNB1
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P20700, with the exact immunogen sequence remaining proprietary.

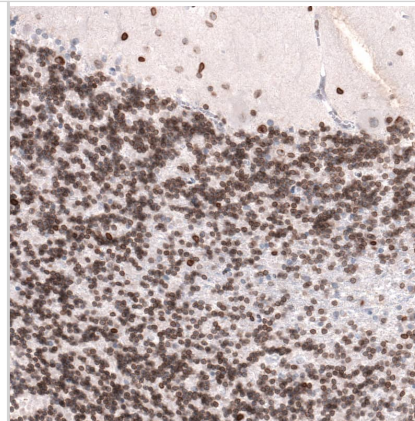
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/ Immunofluorescence/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

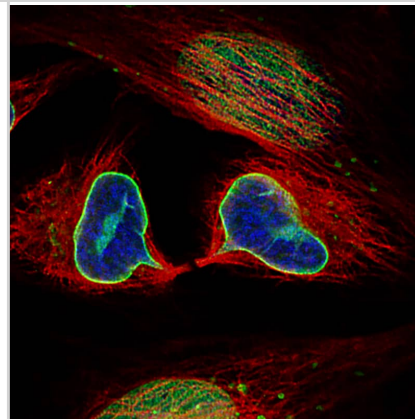
Staining of A-431 cells using the Anti-Lamin B1 monoclonal antibody) .



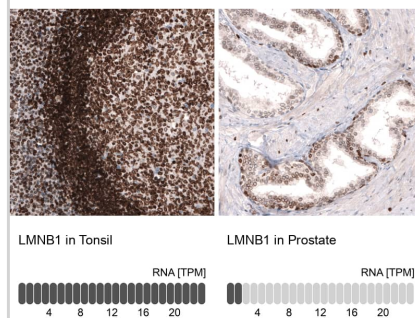
Staining of human cerebellum shows strong nuclear membrane positivity in cells in granular layer.



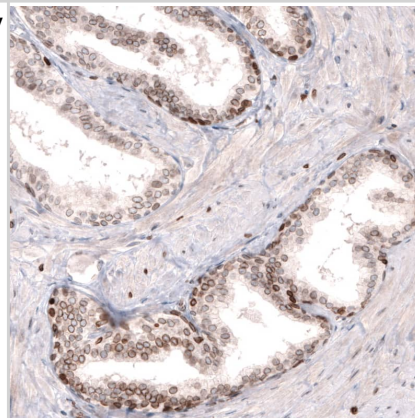
Staining of HeLa cells using the Anti-Lamin B1 monoclonal antibody).



Analysis in human tonsil and prostate tissues using NBP3-44038 antibody. Corresponding Lamin B1 RNA-seq data are presented for the same tissues.



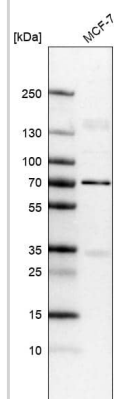
Staining of human prostate shows moderate nuclear membrane positivity in glandular cells.



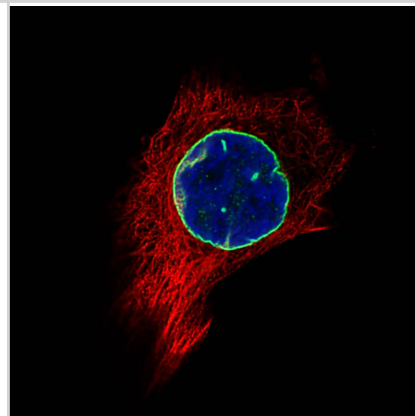
Staining of human tonsil shows strong nuclear membrane positivity in lymphoid cells.



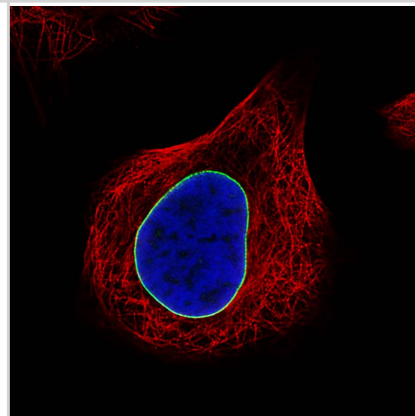
Analysis in human cell line MCF-7.



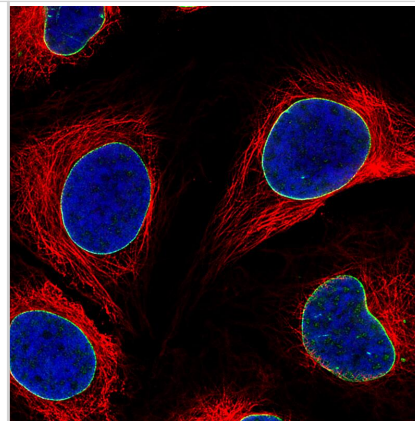
Staining of U-2 OS cells using the Anti-Lamin B1 monoclonal antibody) .



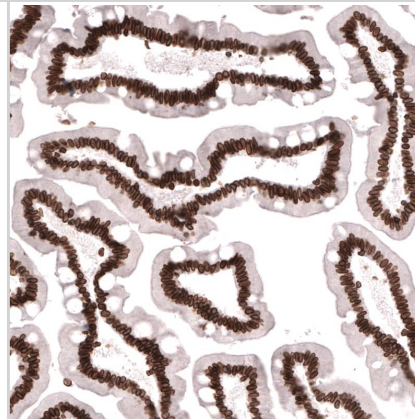
Staining of U-251 cells using the Anti-Lamin B1 monoclonal antibody) .



Staining of MCF7 cells using the Anti-Lamin B1 monoclonal antibody) .



Staining of human small intestine shows strong nuclear membrane positivity in glandular cells.





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 NBP3-44038

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00004001-P01-10ug	Recombinant Human Lamin B1 GST (N-Term) Protein

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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