

Product Datasheet

Lamin A + C Antibody (LASS2D9) - BSA Free NBP2-59937

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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-59937

Updated 5/21/2024 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/NBP2-59937



NBP2-59937

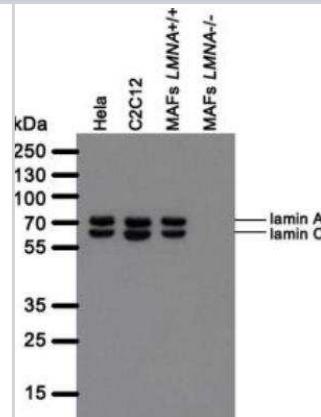
Lamin A + C Antibody (LASS2D9) - BSA Free

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	LASS2D9
Preservative	0.02% Sodium Azide
Isotype	IgG3 Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene Symbol	LMNA
Species	Human, Mouse
Immunogen	The immunogen for this product is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500, Immunohistochemistry-Frozen
Application Notes	Positive control(s): Hela, 293T, C2C12, fibroblasts

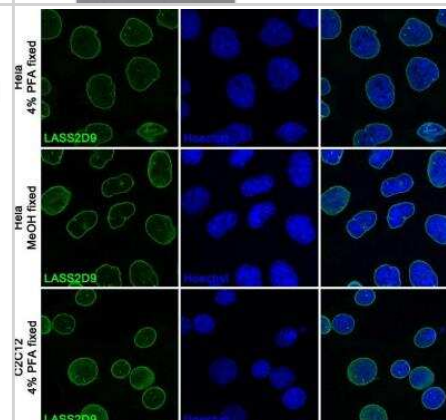


Images

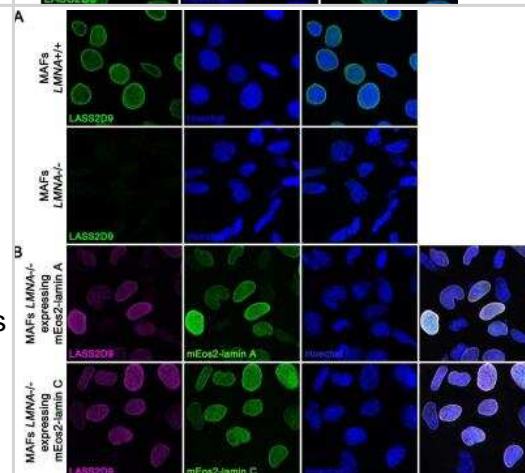
Western Blot: Lamin A + C Antibody (LASS2D9) [NBP2-59937] - Analysis in whole cell lysate from human (Hela) and mouse (C2C12, mouse adult fibroblasts (MAFs)) cell lines cells were separated on SDS-PAGE gel, transferred to nitrocellulose membrane and blotted with LASS2D9 antibody. The membrane was blocked overnight in blocking buffer (5% nonfat dry milk resuspended in 0.1% Tween and 1X PBS). Both primary and secondary antibodies were diluted in blocking buffer. The predicted molecular weight for lamin A is 74 kDa and for lamin C 65 kDa. The absence of a band in LMNA null MAFs indicated that the antibody specifically recognizes products of LMNA gene.



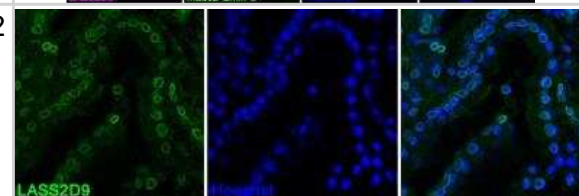
Immunocytochemistry/Immunofluorescence: Lamin A + C Antibody (LASS2D9) [NBP2-59937] - Staining of human (Hela) and mouse (C2C12) cell lines with LASS2D9 antibody. Confocal images of Hela and C2C12 cell fixed and stained with mouse monoclonal LASS2D9 antibody. The LASS2D9 antibody works on cells fixed with 4% PFA and cold methanol.



Immunocytochemistry/Immunofluorescence: Lamin A + C Antibody (LASS2D9) [NBP2-59937] - This antibody specifically detects lamin A and lamin C. (A) Wild-type mouse adult fibroblast (MAFs LMNA+/+) (upper panel) and LMNA-null MEFs (MAFs LMNA-/-) (lower panel) were methanol fixed and immunofluorescently stained with LASS2D9 mouse monoclonal antibody. (B) LMNA-null mouse adult fibroblast stably expressing mEos2-lamin A (upper panel) or mEos2-lamin C (lower panel) were fixed in cold methanol and stained with LASS2D9 antibody (magenta). Expression of the respective LMNA isoform is shown in green. The nuclei were counterstained with Hoechst. In LMNA-null MEFs there is a loss of LASS2D9 antibody staining signal. Rescue of LMNA-null cells with lamin A or lamin C expressing constructs restores the LASS2D9 antibody signal strongly suggesting that LASS2D9 specifically detects the products of LMNA gene.



Immunohistochemistry-Frozen: Lamin A + C Antibody (LASS2D9) [NBP2-59937] - Staining of mouse small intestine. Small intestine from adult C57BL/6 mice was transferred to OCT compound and frozen in liquid nitrogen. Tissue cryosections were fixed in 10% neutral buffered formalin, permeabilized and stained with anti-lamin A+C LASS2D9 antibody. The antibody also works on paraffin-embedded section.





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/NBP2-59937

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

