

Product Datasheet

Lamin A + C Antibody (131C3) - BSA Free NBP1-97687

Unit Size: 0.1 mg

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

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NBP1-97687

Lamin A + C Antibody (131C3) - 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	131C3
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS, pH 7.2
Product Description	
Description	The antibody is shipped at ambient temperature and 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	Mouse
Gene ID	4000
Gene Symbol	LMNA
Species	Human, Mouse, Rat, Bovine, Canine, Hamster, Sheep
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Marker	Nuclear Envelope Marker
Specificity/Sensitivity	This antibody reacts with an epitope located between residues 319-566 in lamin A and C.
Immunogen	Derived by fusion of P3/X63.Ag8.653 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with purified Rat liver lamins.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Western Blot 1:100-1:1000, Flow Cytometry 1:100-1:200, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:100-1:200, CyTOF-ready



Application Notes

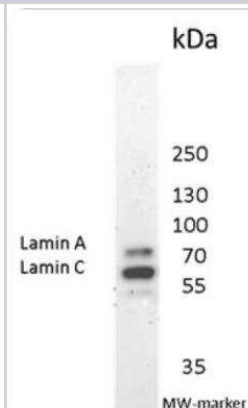
This antibody is suitable for immunocytochemistry, immunohistochemistry on frozen sections, immunoblotting and flow cytometry. Optimal antibody dilution should be determined by titration; recommended range is 1:100 - 1:200 for flow cytometry, and for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:100 - 1:1000 for immunoblotting applications.

This antibody is CyTOF ready.

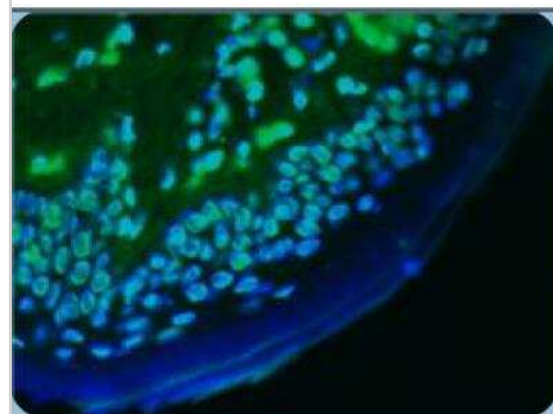


Images

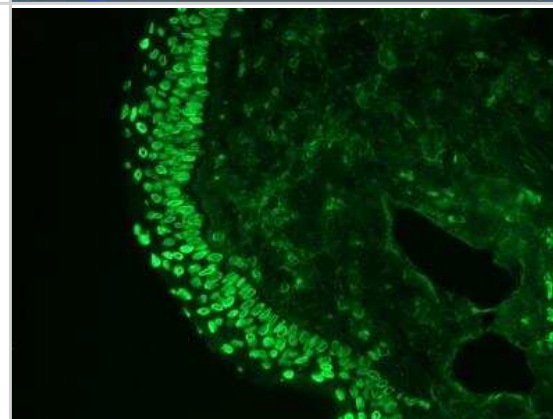
Western Blot: Lamin A + C Antibody (131C3) [NBP1-97687] - Immunoblotting result of NBP1-97687(131C3) recognizing nuclear lamins A and C in human fibroblasts.



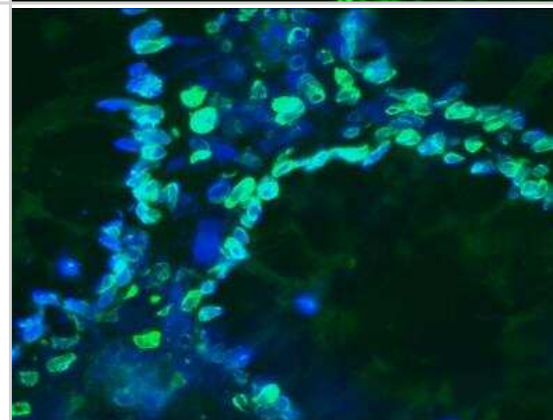
Immunohistochemistry-Frozen: Lamin A + C Antibody (131C3) [NBP1-97687] - Immunohistochemistry on frozen tissue section of human skin showing nuclear lamina staining in epithelial and connective tissue cells.



Immunohistochemistry: Lamin A + C Antibody (131C3) [NBP1-97687] - Immunohistochemistry of on frozen sections of swine skin showing strong positive staining in nuclei of the epidermal cells and to a lesser extent in the connective tissue.



Immunohistochemistry-Frozen: Lamin A + C Antibody (131C3) [NBP1-97687] - Immunohistochemistry of NBP1-97687(131C3) on frozen sections of human colon showing strong positive staining in nuclei of the epithelial cells and to a lesser extent in the connective tissue.





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Products Related to NBP1-97687

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)
NBP1-97687UV	Lamin A + C Antibody (131C3) [DyLight 350]

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

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