

Product Datasheet

Lamin A + C Antibody (133A2) - BSA Free NBP1-97688

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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NBP1-97688

Lamin A + C Antibody (133A2) - 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	133A2
Preservative	0.09% Sodium Azide
Isotype	IgG3
Purity	Ion exchange chromatography
Buffer	PBS Since this antibody has to be purified from the culture medium by ion-exchange chromatography it will contain remnants of bovine serum albumin.

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
Marker	Nuclear Envelope Marker
Specificity/Sensitivity	This antibody recognizes an epitope located between residues 598-611 of lamin A and therefore it reacts exclusively with lamin A.
Immunogen	Obtained from fusion of P3/X63.Ag8.653 mouse myeloma cells with spleen cells from a BALB/c mouse immunized with partially purified recombinant human lamin A.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:1000, Flow Cytometry 1:100 - 1:200, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100-1:200, Immunohistochemistry-Frozen 1:100 - 1:200, CyTOF-ready



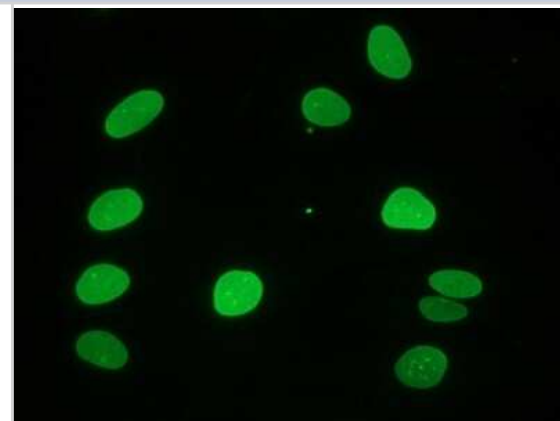
Application Notes

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

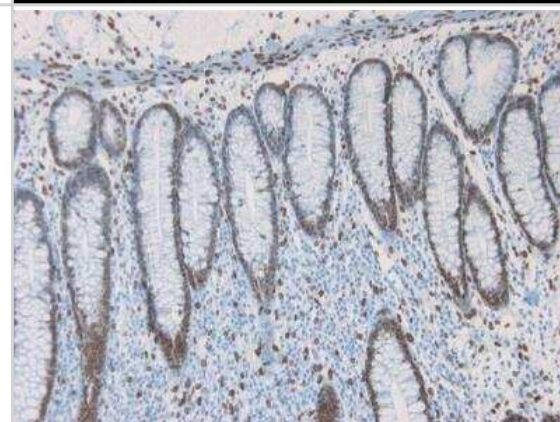
This antibody is CyTOF ready..

Images

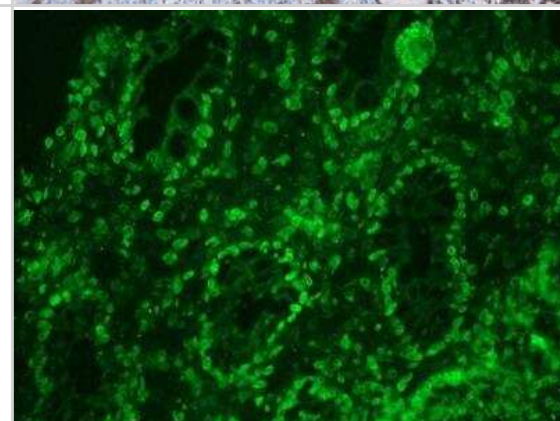
Immunocytochemistry/Immunofluorescence: Lamin A + C Antibody (133A2) [NBP1-97688] - Staining of fibroblasts showing nuclear lamina



Immunohistochemistry-Paraffin: Lamin A + C Antibody (133A2) [NBP1-97688] - Analysis of human colon.



Immunohistochemistry-Frozen: Lamin A + C Antibody (133A2) [NBP1-97688] - Frozen sections of human colon showing nuclear lamina staining in epithelial and connective tissue cells





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Products Related to NBP1-97688

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96777	Mouse IgG3 Isotype Control (MG3)
H00004000-P01-2ug	Recombinant Human Lamin A + C 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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