

Product Datasheet

Lamin B2 Antibody (144) - Azide and BSA Free NBP2-43834

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-43834

Lamin B2 Antibody (144) - Azide and BSA Free

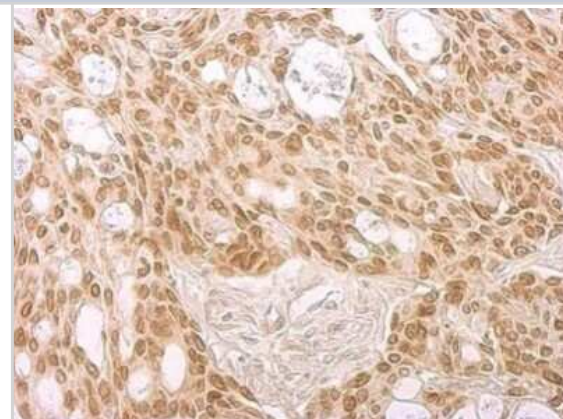
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	144
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	68 kDa

Product Description	
Description	Novus Biologicals Mouse Lamin B2 Antibody (144) - Azide and BSA Free (NBP2-43834) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Lamin B2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	84823
Gene Symbol	LMNB2
Species	Human
Reactivity Notes	Bovine (84%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Lamin B2. The exact sequence is proprietary.

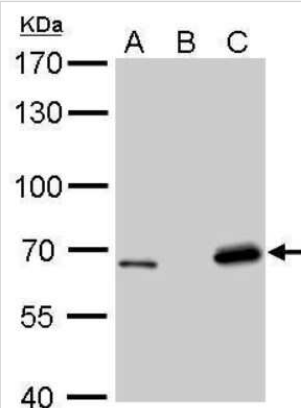
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

Images

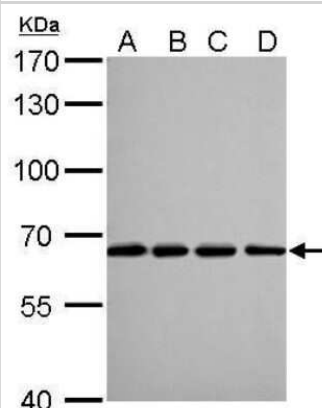
Immunohistochemistry-Paraffin: Lamin B2 Antibody (144) [NBP2-43834]
- Analysis of Cal27 xenograft. Lamin B2 antibody [144] dilution: 1:200.



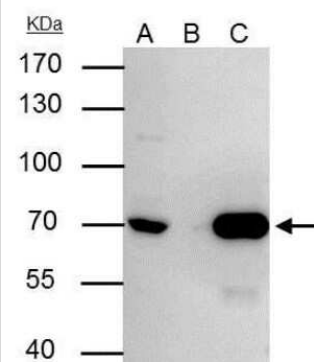
Western Blot: Lamin B2 Antibody (144) [NBP2-43834] - Analysis of A. 30 ug HepG2 whole cell lysate/extract B. 30 ug HepG2 cytosol lysate/extract C. 30 ug HepG2 nuclear lysate/extract 7.5 % SDS-PAGE Lamin B2 antibody [144] dilution: 1:1000.



Western Blot: Lamin B2 Antibody (144) [NBP2-43834] - Analysis of A. 30 ug U87-MG whole cell lysate/extract B. 30 ug SK-N-SH whole cell lysate/extract C. 30 ug IMR32 whole cell lysate/extract D. 30 ug SK-N-AS whole cell lysate/extract 7.5 % SDS-PAGE Lamin B2 antibody [144] dilution: 1:1000



Immunoprecipitation: Lamin B2 Antibody (144) [NBP2-43834] - Analysis of HepG2 whole cell lysate/extract A : 30 ug whole cell lysate/extract of Lamin B2 protein expressing HepG2 cells B : Control with 3 ug of pre-immune mouse IgG C : Immunoprecipitation of Lamin B2 by 3 ug of Lamin B2 antibody [144] 7.5% SDS-PAGE The immunoprecipitated Lamin B2 protein was detected by Lamin B2 antibody [144] diluted at 1 : 1000. EasyBlot anti-rabbit IgG (HRP) was used as a secondary reagent.



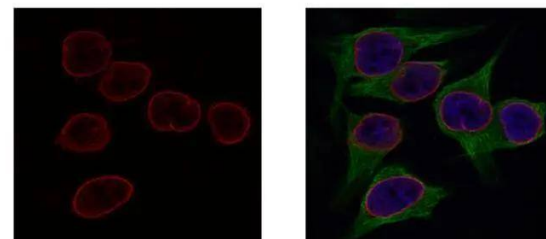
Lamin B2 antibody [GT144] detects LMNB2 protein at nuclear envelope by confocal immunofluorescent analysis.

Sample: HeLa cells were fixed in 2% paraformaldehyde for 30 min.

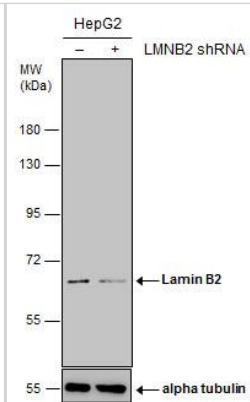
Red: LMNB2 protein stained by Lamin B2 antibody [GT144] (NBP2-43834) diluted at 1:1000.

Green: alpha Tubulin antibody diluted at 1:1000.

Blue: Hoechst 33342 staining. [Images captured by Olympus FV1000 Confocal Laser Scanning Microscope]



Non-transfected (-) and transfected (+) HepG2 whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Lamin B2 antibody [GT144] (NBP2-43834) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



Publications

Morinishi T, Tokuhara Y, Ohsaki H et al. Activation and Expression of Peroxisome Proliferator-Activated Receptor Alpha Are Associated with Tumorigenesis in Colorectal Carcinoma PPAR Res 2019-07-03 [PMID: 31354797] (WB, Human)



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Products Related to NBP2-43834

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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