Product Datasheet

Lamin A + C Antibody (4H7) - BSA Free

NBP3-26167-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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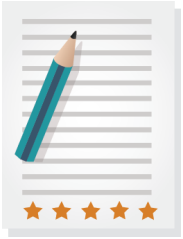
Updated 7/30/2025 v.20.1



NBP3-26167-100ul

Lamin A + C Antibody (4H7) - BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4H7
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description

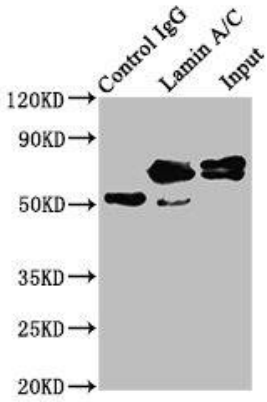
Host	Rabbit
Gene ID	4000
Gene Symbol	LMNA
Species	Human
Immunogen	A synthesized peptide derived from Human Lamin A + C [UniProt P02545]

Product Application Details

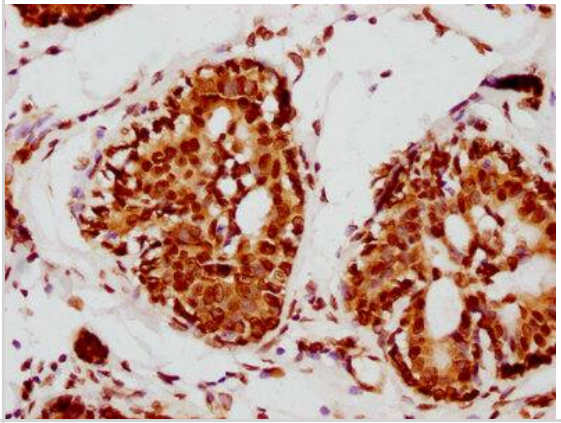
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200, Immunoprecipitation 1:200-1:1000

Images

Immunoprecipitation: Lamin A + C Antibody (4H7) [NBP3-26167] - Immunoprecipitating Lamin A + C in Hela whole cell lysate.
Lane 1: Rabbit control IgG instead of NBP3-26167 in Hela whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000).
Lane 2: NBP3-26167 (3ug) + Hela whole cell lysate (500ug).
Lane 3: Hela whole cell lysate (20ug).



Immunohistochemistry: Lamin A + C Antibody (4H7) [NBP3-26167] - Image of Lamin A + C Antibody (4H7) diluted at 1:115 and staining in paraffin-embedded human glioma cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



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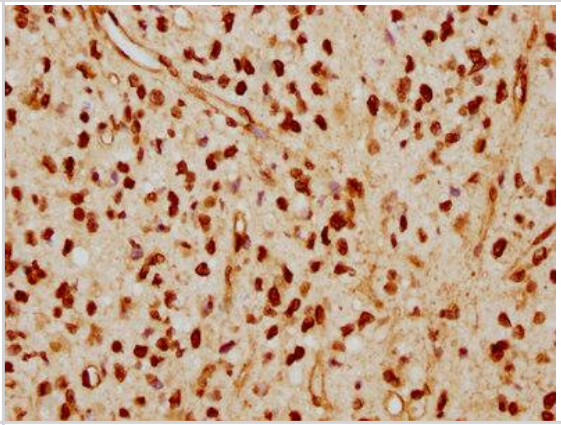
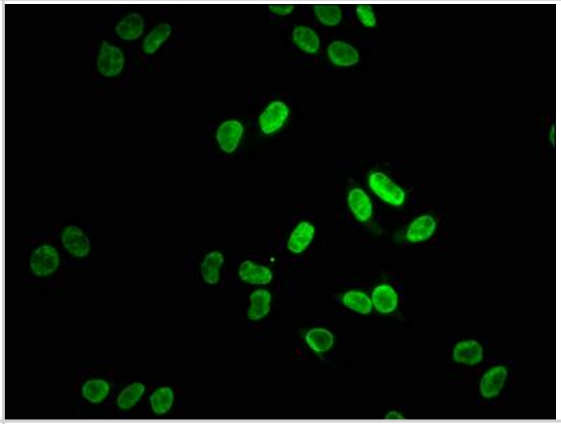
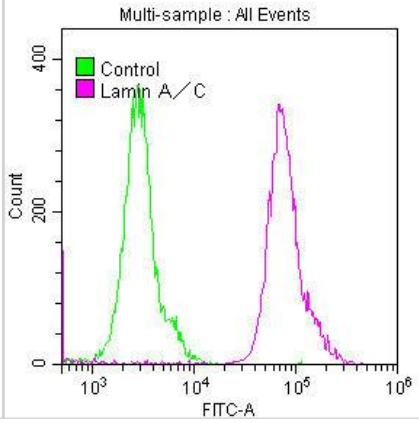


Immunocytochemistry/Immunofluorescence: Lamin A + C Antibody (4H7) [NBP3-26167] - Staining of Hela cells with Lamin A + C Antibody (4H7) at 1:38, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: Lamin A + C Antibody (4H7) [NBP3-26167] - Overlay histogram showing Hela cells stained with Lamin A + C Antibody (4H7) (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then permeabilized with 0.3% Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10% normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4C. The secondary antibody used was FITC goat anti-rabbit IgG (H+L) at 1/200 dilution for 1 h at 4C. Control antibody (green line) was used under the same conditions. Acquisition of >10,000 events was performed.



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Products Related to NBP3-26167-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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