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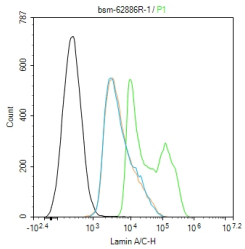
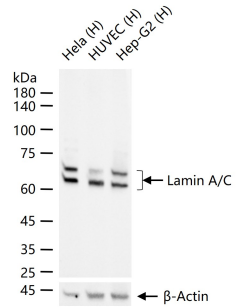
Lamin A/C Recombinant Rabbit mAb

Catalog Number:	bsm-62886R
Target Protein:	Lamin A/C
Form:	Liquid
Host:	Rabbit
Clonality:	Recombinant
Clone No.:	8H20
Isotype:	IgG
Applications:	WB (1:500-5000), IHC-P (1:50-200), IHC-F (1:50-200), IF (1:50-200), Flow-Cyt (1ug/Test), ICC/IF (1:50-200), IP (1:20-50)
Reactivity:	Human
Predicted MW:	74
Detected MW:	63,74
Entrez Gene:	4000
Swiss Prot:	P02545
Purification:	affinity purified by Protein A
Storage:	10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.
Background:	Lamins are intermediate filament proteins that assemble into a filamentous meshwork, and which constitute the major components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane.

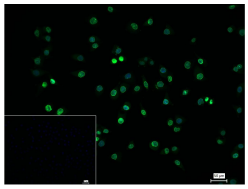
VALIDATION IMAGES



The Hela (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C,the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.).Primary Antibody (green):Rabbit Anti-Lamin A/C antibody (bsm-62886R): 1 µg/10^6 cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC (bs-60295G-FITC): 1 µg/test. Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.



25 ug total protein per lane of various lysates (see on figure) probed with Lamin A/C monoclonal antibody, unconjugated (bsm-62886R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed Hela (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (Lamin A/C) monoclonal Antibody, unconjugated (bsm-62886R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.