

Lamin A/C Monoclonal Antibody (Jol3)

Product Details

Size	1 mL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	Jol3
Conjugate	Unconjugated
Immunogen	Recombinant bacterially expressed full length protein
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	tissue culture supernatant
Contains	0.1% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_1076410

Applications	Tested Dilution	Publications
Western Blot (WB)	1:50	-
Immunocytochemistry (ICC/IF)	1:10	1 Publication
ChIP assay (ChIP)	Assay-dependent	-

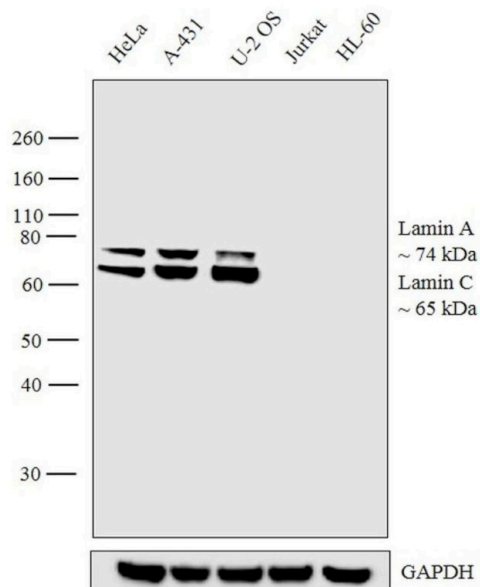
Product Specific Information

MA1-5820 reacts with human dermal fibroblasts in immunocytochemistry. Other cell/tissue types have not been tested in this application. It reacts with human, mouse and rat samples in Western blot. This antibody recognizes the common tail domain of Lamin A+C, epitope aa 464-572.

Product Images For Lamin A/C Monoclonal Antibody (Jol3)

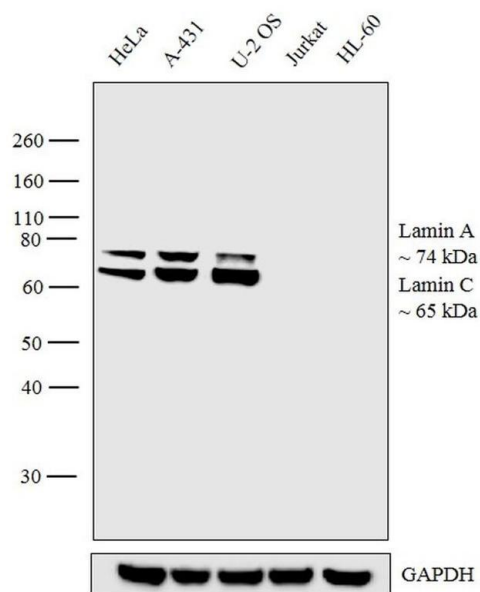
Lamin A/C Antibody (MA1-5820)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Relative expression of Lamin C was observed in differentiated somatic cell lines (HeLa, A-431, Hep G2, HEK293T and U-2 OS) in comparison to lymphoid cell lines (Jurkat and HL-60) using product (Product # PA1-5827) in western blot. {RE}



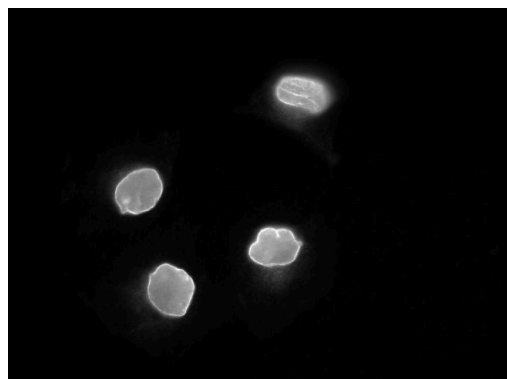
Lamin A/C Antibody (MA1-5820) in WB

Western blot analysis was performed on nuclear enriched cell extracts (30 µg lysate) of HeLa (Lane 1), A-431 (Lane 2), U-2 OS (Lane 3), Jurkat (Lane 4) and HL-60 (Lane 5). The blot was probed with Anti- Lamin A/C Antibody (Product # MA1-5820, 1:500 dilution) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.25 µg/mL, 1:4000 dilution). 74 and 65 kDa band corresponding to Lamin A and C respectively were observed across all the cell lines tested except Jurkat and HL-60.



Lamin A/C Antibody (MA1-5820) in ICC/IF

Immunocytochemistry analysis of Lamin A/C in MDA MB231 Breast cancer cells. Samples were incubated with Lamin A/C monoclonal antibody (Product # MA1-5820), following fixation in 4% PFA and treatment with 0.5% Triton X-100.



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1 Reference

Immunocytochemistry (1)

Biology open	Year 2022
Nuclear localization of histamine receptor 2 in primary human lymphatic endothelial cells.	
"Published figure using Lamin A/C monoclonal antibody (Product # MA1-5820) in Immunocytochemistry"	
Authors: Pal S,Gashev A,Roy D	

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