

Mouse Lamin A+C Monoclonal Antibody

Mouse Anti-Lamin A+C [JOL2]

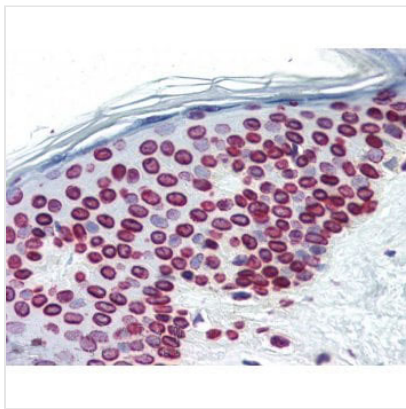
CATALOG # AAA59512	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot, Immunoprecipitation
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PRODUCT SYNONYMS

Lamin A+C; Monoclonal Antibody; Mouse Anti-Lamin A+C [JOL2]; 70 kDa Lamin antibody; Cardiomyopathy dilated 1A (autosomal dominant) antibody; CDCD1 antibody; CDDC antibody; Charcot Marie Tooth Disease Axonal Type 2B1 antibody; CMD1A antibody; CMT2B1 antibody; EMD2 antibody; FPL antibody; FPLD antibody; HGPS antibody; IDC antibody; Lamin A/C antibody; Lamin A/C Isoform 1 Precursor antibody; Lamin A/C Isoform 2 antibody; Lamin A/C Isoform 3 antibody; LDP1 antibody; LFP antibody; LGMD1B antibody; Limb girdle muscular dystrophy 1B (autosomal dominant) antibody; LMN 1 antibody; LMN A antibody; LMN C antibody; LMN1 antibody; LMNA antibody; LMNC antibody; NY REN 32 antigen antibody; PRO1 antibody; Progeria 1 (Hutchinson Gilford Type) antibody; Renal carcinoma antigen NY REN 32 antibody; Renal carcinoma antigen NYREN32 antibody; anti-Lamin A+C antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	JOL2
Specificity	This antibody reacts with both recombinant and native Lamin A and C in humans. Binds to an epitope between amino acids 464-572
Purity/Purification	Unpurified
Form/Format	Tissue culture supernatant containing 0.2M Tris/HCl pH7.4 and 5-10% foetal calf serum, plus 0.09% sodium azide).
Applicable Applications for anti-Lamin A+C antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IP (Immunoprecipitation)
Immunogen	Recombinant human lamin A
Myeloma/fusion Partners	Spleen cells from immunised BALB/C mice were fused with cells of the mouse). SP2-0/Ag4 myeloma cell line.
Health & Safety	Products that contain sodium azide (a poisonous and hazardous substance) should be handled by trained staff only.
Preparation and Storage	Store at 4°C for one month, or in small aliquots at -20°C for longer periods. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody.



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

References	Both emerin and lamin C depend on lamin A for localization at the nuclear envelope. Vaughan A (J Cell Sci,Jul 2001) PUBMED Iglesias-Guimaraes V et al. Apoptotic DNA Degradation into Oligonucleosomal Fragments, but Not Apoptotic Nuclear Morphology, Relies on a Cytosolic Pool of DFF40/CAD Endonuclease. J Biol Chem 287:7766-79 (2012). WB ; Human PUBMED Harrigan JA et al. Replication stress induces 53BP1-containing OPT domains in G1 cells. J Cell Biol 193:97-108 (2011). ICC/IF ; Human PUBMED Gudise S et al. Samp1 is functionally associated with the LINC complex and A-type lamina networks. J Cell Sci 124:2077-85 (2011) PUBMED Harten IA et al. Age-Dependent Loss of MMP-3 in Hutchinson-Gilford Progeria Syndrome. J Gerontol A Biol Sci Med Sci : (2011) PUBMED Toulany M et al. Impact of oncogenic K-RAS on YB-1 phosphorylation induced by ionizing radiation. Breast Cancer Res 13:R28 (2011). WB ; Human PUBMED Mamchaoui K et al. Immortalized pathological human myoblasts: towards a universal tool for the study of neuromuscular disorders. Skelet Muscle 1:34 (2011). ICC/IF ; Human PUBMED Negroni E et al. In vivo myogenic potential of human CD133+ muscle-derived stem cells: a quantitative study. Mol Ther 17:1771-8 (2009). ICC/IF ; Human PUBMED
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/lamin-ac-antibody-clone-jol2-flow-cytometry-western-blot-immunoprecipitation-elisa/59512>