

## Mouse Lamin A+C Monoclonal Antibody | anti-LMNA antibody

Lamin A+C Monoclonal Antibody [JOL2]

| CATALOG # | HOST  | REACTIVITY                  | APPLICATIONS                                                                            |
|-----------|-------|-----------------------------|-----------------------------------------------------------------------------------------|
| AAA13582  | Mouse | Human, African Green Monkey | Western Blot, Immunocytochemistry, Immunofluorescence, Flow Cytometry, Functional Assay |

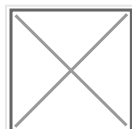
### PRODUCT SYNONYMS

Lamin A+C; Monoclonal Antibody; Lamin A+C Monoclonal Antibody [JOL2]; anti-LMNA antibody

### PRODUCT SPECIFICATIONS

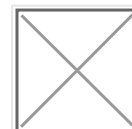
|                                                |                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                      |
| Reactivity                                     | Human, African Green Monkey                                                                                                                                                                                                                                                                                |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                 |
| Isotype                                        | IgG1                                                                                                                                                                                                                                                                                                       |
| Clone Number                                   | JOL2                                                                                                                                                                                                                                                                                                       |
| Purity/Purification                            | Unpurified                                                                                                                                                                                                                                                                                                 |
| Form/Format                                    | Purified antibody (from supernatant) containing PBS + 0.09% sodium azide                                                                                                                                                                                                                                   |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                                                                                                                                                                                                     |
| Applicable Applications for anti-LMNA antibody | WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)                                                                                                                                                                                                           |
| Application Notes                              | WB: 1:1000<br>IF: 1:100<br>FC/FACS: 1:1000                                                                                                                                                                                                                                                                 |
| Immunogen                                      | Recombinant human lamin A                                                                                                                                                                                                                                                                                  |
| Target Antigen                                 | This antibody reacts with both recombinant and native Lamin A and C in humans                                                                                                                                                                                                                              |
| Myeloma/Fusion Partners                        | Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2-0/Ag4 myeloma cell line                                                                                                                                                                                                     |
| Pubmed ID                                      | 30650545, 31048846, 30422822, 31847370, 30126195, 29405587, 28668644, 29156644, 28985428, 28031327, 28179995, 27378237, 27031510, 27926867, 26124276, 26447202, 24452336, 24659496, 24838313, 24950247, 24732130, 23975040, 22871573, 22253444, 21610090, 21852285, 21392397, 22040608, 19623164, 11207047 |

### IMAGES



#### Application Data

Lamin A+C Monoclonal Antibody [JOL2]



#### IHC (Immunohistochemistry)

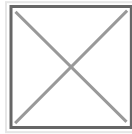
IHC using Lamin A/C antibody (IQ332) clone JOL2 on Human colon

**IB (Immunoblot)**

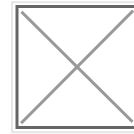
Immunoblotting of Hela cells with Lamin A/C Antibody (IQ332) clone JOL2

**IHC (Immunohistochemistry)**

IHC using Lamin A/C Antibody (IQ332) clone JOL2 on Human skin

**Application Data**

1:1000 staining in A431(A), (1:10000) staining in HeLa(B), and (1:1000) staining in HepG2(C) cells nuclear lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**FCM (Flow Cytometry)**

Blue line: Flow cytometric analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.5% Triton. Primary incubation 1hr (1:100 dilution) followed by Alexa Fluor 488 conjugated goat Anti-mouse IgG (1:1000 dilution). Black line: Anti-Unknown Specificity Isotype control

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 383792150                                                                                                 |
| NCBI GeneID                      | 4000                                                                                                      |
| NCBI Accession #                 | NP_001244303.1                                                                                            |
| NCBI GenBank Nucleotide #        | NM_001257374.1                                                                                            |
| UniProt Accession #              | P02545; P02546; Q5TCJ2; Q5TCJ3; Q969I8; Q96JA2; B4DI32; D3DVB0; E7EUI9                                    |
| Molecular Weight                 | 74,65kDa                                                                                                  |
| NCBI Official Full Name          | lamin isoform D                                                                                           |
| NCBI Official Synonym Full Names | lamin A/C                                                                                                 |
| NCBI Official Symbol             | LMNA                                                                                                      |
| NCBI Official Synonym Symbols    | FPL; IDC; LFP; CDDC; EMD2; FPLD; HGPS; LDP1; LMN1; LMNC; PRO1; CDCD1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B |
| NCBI Protein Information         | lamin; 70 kDa lamin; prelamin-A/C; lamin A/C-like 1; renal carcinoma antigen NY-REN-32                    |
| UniProt Protein Name             | Prelamin-A/C                                                                                              |
| UniProt Gene Name                | <b>LMNA</b>                                                                                               |
| UniProt Synonym Gene Names       | LMN1                                                                                                      |
| UniProt Entry Name               | LMNA_HUMAN                                                                                                |

**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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lamin-ac-antibody-clone-jol2-western-blot-immunocytochemistry-immunofluorescence-flow-cytometry-elisa/13582>