Mouse LMNB1 Monoclonal Antibody | anti-LMNB1 antibody

LMNB1 (Lamin B1, ADLD, LMN, LMN2, LMNB, MGC111419) (APC)

CATALOG #	HOST	APPLICATIONS
AAA26137	**Mouse**	**Immunofluorescence, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

LMNB1; Monoclonal Antibody; LMNB1 (Lamin B1; ADLD; LMN; LMN2; LMNB; MGC111419) (APC); Lamin B1; MGC111419; anti-LMNB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4B10
Specificity	Recognizes LMNB1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-LMNB1 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	LMNB1 (NP_005564.1, 107aa-186aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to LMNB1 on HeLa cell. [antibody concentration 10 ug/ml]

IP (Immunoprecipitation)
Immunoprecipitation of LMNB1 transfected lysate using anti-LMNB1 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with LMNB1 MaxPab rabbit polyclonal antibody.

WB (Western Blot)
Western Blot analysis of LMNB1 expression in transfected 293T cell line by LMNB1 monoclonal antibody (M01), clone 4B10.Lane 1: LMNB1 transfected lysate(66.4 KDa).Lane 2: Non-transfected lysate.

WB (Western Blot)
LMNB1 monoclonal antibody (M01), clone 4B10. Western Blot analysis of LMNB1 expression in Raw 264.7.

WB (Western Blot)
LMNB1 monoclonal antibody (M01), clone 4B10. Western Blot analysis of LMNB1 expression in NIH/3T3.

WB (Western Blot)
LMNB1 monoclonal antibody (M01), clone 4B10. Western Blot analysis of LMNB1 expression in Jurkat.

ADDITIONAL INFORMATION

Related Product Information for anti-LMNB1 antibody	The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. This gene encodes one of the two B type proteins, B1. [provided by RefSeq]
Product Categories/Family for anti-LMNB1 antibody	Antibodies; Lamin; Laminin

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031877
NCBI GeneID	4001
NCBI Accession #	NP_005564.1
NCBI GenBank Nucleotide #	NM_005573.3
UniProt Accession #	P20700; Q3SYN7; Q96EI6; B2R6J6
Molecular Weight	66,408 Da
NCBI Official Full Name	lamin-B1 isoform 1
NCBI Official Synonym Full Names	lamin B1
NCBI Official Symbol	LMNB1
NCBI Official Synonym Symbols	LMN; ADLD; LMN2; LMNB
NCBI Protein Information	lamin-B1
UniProt Protein Name	Lamin-B1
UniProt Gene Name	**LMNB1**
UniProt Synonym Gene Names	LMN2; LMNB
UniProt Entry Name	LMNB1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/lmnb1-antibody-clone-4b10-immunofluorescence-immunoprecipitation-western-blot-elisa/26137