

Mouse Lamin B1 Monoclonal Antibody | anti-B1 antibody

Anti-Lamin B1 Monoclonal Antibody (15T1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA332494	Mouse	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

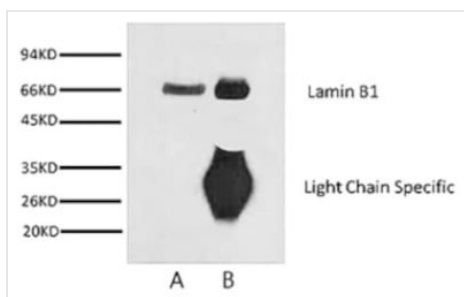
PRODUCT SYNONYMS

Lamin B1; Monoclonal Antibody; Anti-Lamin B1 Monoclonal Antibody (15T1); LMNB1; LMN2; LMNB; Lamin-B1; anti-B1 antibody

PRODUCT SPECIFICATIONS

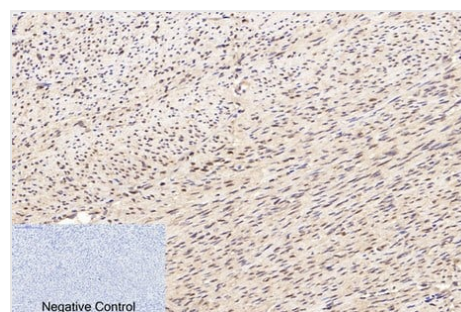
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen
Form/Format	Liquid in PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-B1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Stable for one year at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

IMAGES



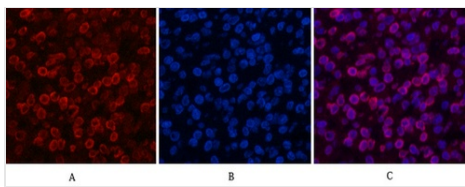
WB (Western Blot)

Immunoprecipitation analysis of Lamin B1 at 1:200 dilution as below: Input is Mouse brain tissue lysate (lane A) and IP product (lane B).



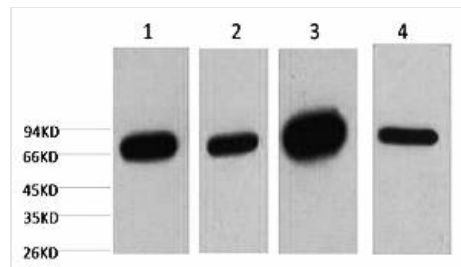
IHC (Immunohistochemisry)

Fig.3. Immunohistochemical analysis of paraffin-embedded human uterus tissue. 1, Lamin B1 Monoclonal Antibody (15T1) was diluted at 1:200 (4 degree C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



IF (Immunofluorescence)

Fig.2 Immunofluorescence analysis of human lung cancer tissue. 1, Lamin B1 Monoclonal Antibody (15T1) (red) was diluted at 1:200 (4 degree C, overnight). 2, Cy3 Labeled secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B.



WB (Western Blot)

Fig.1. Western blot analysis of 1) HepG2, 2) 293T, 3) mouse brain tissue, 4) rat brain tissue, diluted at 1:5000.

ADDITIONAL INFORMATION

Related Product Information for anti-B1 antibody	LMNB1 encodes one of the two B-type lamin proteins and is a component of the nuclear lamina. A duplication of LMNB1 is associated with autosomal dominant adult-onset leukodystrophy (ADLD). Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-B1 antibody	Loading Antibody ; Protein Detection Antibody ; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	125953
NCBI GeneID	4001
UniProt Accession #	P20700 ; Q3SYN7 ; Q96EI6 ; B2R6J6
NCBI Official Full Name	Lamin-B1
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lamin-b1-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/332494>