Lamin B1 Mouse Monoclonal Antibody(7C11)

Catalog	PMK049C	PMK049F
Quantity	50μL	100μL

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For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IP	H, R, M	68KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. Store at -20°C. Do not aliquot the antibody.

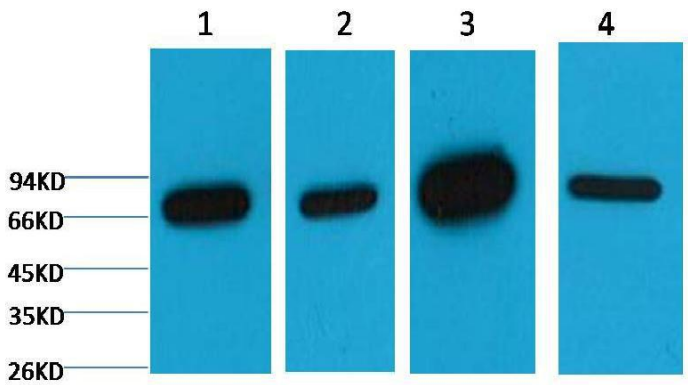
Recommended dilutions: WB: 1:2,000-5,000 IP:1:200

Optimal dilutions should be determined by the end user.

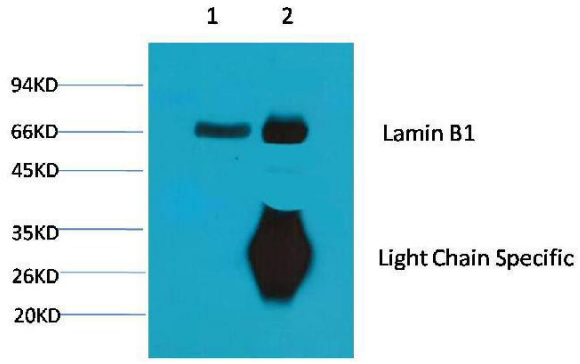
Specificity: The Lamin B1 antibody can detects endogenous Lamin B1 protein.

Alternative Names: ADLD, LMB1,LMNB1, MGC111419, OTTHUMP00000159218

Background: 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.



Western blot analysis of 1) HepG2, 2) 293T, 3) Mouse Brain Tissue, 4) Rat Brain Tissue with PMK049 diluted at 1:5,000.



1 Input: Mouse Brain Tissue Lysate
2 IP product: IP dilute 1:200

Western blot analysis: primary antibody : PMK049 1:5,000 Secondary antibody: Goat anti-Mouse IgG, Light chain specific(S003), 1:5,000

Applications: WB-Western blot IHC-Immunochemistry IF-Immunofluorescence IP-Immunoprecipitation ChIP-Chormatin Immunoprecipitation

Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Dg-Dog Pg-Pig