

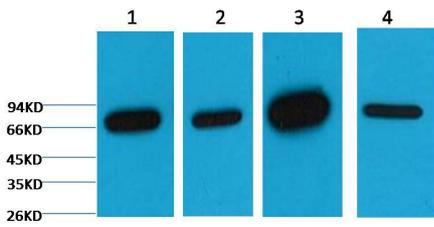


ELK Biotechnology

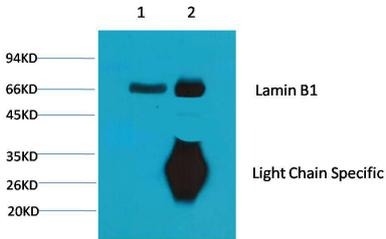
Lamin B1 Mouse mAb
Catalog NO.: EM1035
For research use only.

Overview

| | |
|-----------------------|---|
| Product name | Lamin B1 Mouse Monoclonal antibody |
| Source | Mouse |
| Applications | WB IP |
| Species reactivity | Human Rat Mouse |
| Recommended dilutions | WesternBlot:1/2000-5000 Immunoprecipitation:1/200 NOTE: Optimal dilutions should be determined by the end user. |
| Immunogen | Recombinant Protein |
| Species | Human |
| Storage | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles. |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Concentration | 1 mg/ml |
| Observed band | 68kDa |
| GeneID (Human) | 4001 |
| Human Swiss-Prot No. | P20700 |
| Cellular localization | Mitochondrion inner membrane |
| Alternative Names | ADLD LMB1LMNB1 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 EM1035 diluted at:5000.



1、 Input: Mouse Brain Tissue Lysate 2、 IP product: IP dilute:200 Western blot analysis: primary antibody : EM1035:5000 Secondary antibody: Goat anti-Mouse IgG Light chain specific(S003):5000