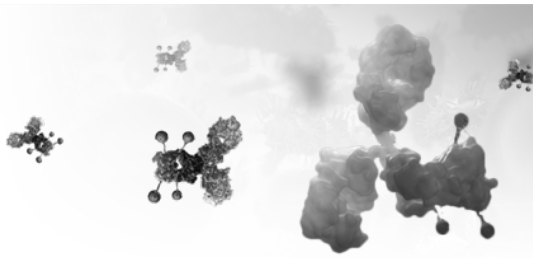

# Mouse LMNB1 blocking peptide (DAG-P1730)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

| | |
|---|---|
| **Antigen Description** | Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin. |
| **Purity** | 70 - 90% by HPLC. |
| **Conjugate** | Unconjugated |
| **Applications** | BL |
| **Sequence Similarities** | Belongs to the intermediate filament family. |
| **Format** | Liquid |
| **Preservative** | None |
| **Storage** | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request. |

## GENE INFORMATION

| | |
|---|---|
| **Gene Name** | Lmnb1 lamin B1 [ Mus musculus (house mouse) ] |
| **Official Symbol** | LMNB1 |
| **Synonyms** | LMNB1; lamin B1; lamin-B1; |
| **Entrez Gene ID** | 16906 |
| **mRNA Refseq** | NM_010721.2 |
| **Protein Refseq** | NP_034851.2 |

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

| | |
|---|---|
| **UniProt ID** | P14733 |
| **Chromosome Location** | 18 D3; 18 30.84 cM |
| **Pathway** | Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic execution phase, organism-specific biosystem; Breakdown of the nuclear lamina, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cellular Senescence, organism-specific biosystem; Cellular responses to stress, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; DNA Damage/Telomere Stress Induced Senescence, organism-specific bios |
| **Function** | JUN kinase binding; phospholipase binding; structural molecule activity; |

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