

For Research Use Only

HRP-conjugated Lamin B1 Monoclonal antibody



Catalog Number: HRP-66095

Featured Product

Basic Information

Catalog Number: HRP-66095	GenBank Accession Number: BC012295	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4001	CloneNo.: 3C10G12
Source: Mouse	Full Name: lamin B1	Recommended Dilutions: WB 1:20000-1:100000
Isotype: IgG1	Calculated MW: 66 kDa	
Immunogen Catalog Number: AG20522	Observed MW: 66-70 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : HeLa cells, PC-12 cells
Species Specificity: human, mouse, rat	

Background Information

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. 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. Vertebrate lamins consist of two types, A and B. This gene encodes one of the two B type proteins, B1. This protein is not suitable for samples where the nuclear envelope has been removed.

Storage

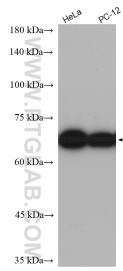
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with HRP-66095 (Lamin B1 antibody) at dilution of 1:100000 incubated at room temperature for 1.5 hours.