

For Research Use Only

Lamin B2 Monoclonal antibody, PBS Only



Catalog Number: 68475-1-PBS

Basic Information

Catalog Number:

68475-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG33296

GenBank Accession Number:

BC006551

GeneID (NCBI):

84823

UNIPROT ID:

Q03252

Full Name:

lamin B2

Calculated MW:

68 kDa

Observed MW:

68 kDa

Purification Method:

Protein G purification

CloneNo.:

2C7B1

Applications

Tested Applications:

Indirect ELISA, IF/ICC, WB

Species Specificity:

rat, mouse, human

Background Information

Lamins are nuclear membrane structural components that are important in structural integrity of the nucleus and may also interact with chromatin (PMID: 33033404). Research studies show that lamin B2 knockout mice exhibit neuronal developmental defects and that both proteins are essential for typical brain development (PMID: 20145110). Mutations in Lamin B2 can result in a susceptibility to developing acquired partial lipodystrophy, a rare disorder characterized by the progressive loss of subcutaneous fat in a bilaterally symmetrical fashion (PMID: 16826530).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

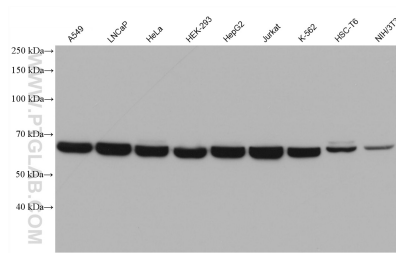
T: 4006900926

E: Proteintech-CN@ptglab.com

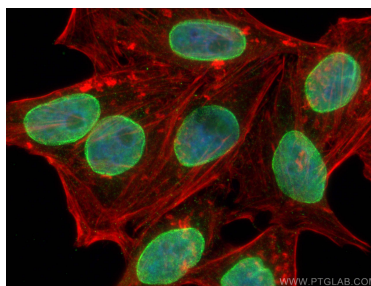
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68475-1-Ig (Lamin B2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68475-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Lamin B2 antibody (68475-1-Ig, Clone: 2C7B1) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-phalloidin (red). This data was developed using the same antibody clone with 68475-1-PBS in a different storage buffer formulation.