

**MAF548Hu26**

**Monoclonal Antibody to Lamin B1 (LMNB1)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

## **[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG2a Kappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** C10

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100μL

**Cross Reactivity:** Mouse;Cavia;Rabbit;Canine;Bovine;Ovine

**Applications:** WB

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant LMNB1 (Ser52~Gly233) expressed in *E.coli*

**Accession No.:** RPF548Hu01

## **[ APPLICATIONS ]**

Western blotting: 0.01-2μg/mL;

Optimal working dilutions must be determined by end user.

## **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

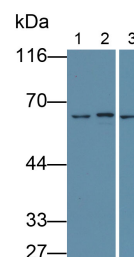
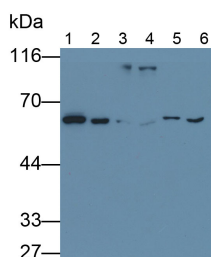
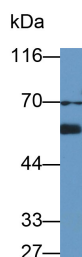
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

### [ IDENTIFICATION ]



|                                                                                                 |                                                                                                                                                                                         |                                                                                                          |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Western Blot; Sample: Mouse Spleen lysate                                                       | Western Blot; Samples: Lane1: Human Lung lysate; Lane2: 293T cell lysate; Lane3: Cavia Lung lysate; Lane4: Cavia Kidney lysate; Lane5: Canine Lung lysate; Lane6: Canine Kidney lysate; | Western Blot; Samples: Lane1: Bovine Kidney lysate; Lane2: Rabbit Lung lysate; Lane3: Ovine Lung lysate; |
| Primary Ab: 0.2µg/ml Mouse Anti-Human LMNB1 Antibody                                            | Primary Ab: 2µg/ml Mouse Anti-Human LMNB1 Antibody                                                                                                                                      | Primary Ab: 2µg/ml Mouse Anti-Human LMNB1 Antibody                                                       |
| Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19) | Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)                                                                                         | Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)          |

### [ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.