

**MAF548Hu21**

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

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

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

---

13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG2b Kappa

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

**Clone number:** 203#

**Traits:** Liquid

**Concentration:** 1mg/ml

**UOM:** 100ul

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

**Applications:** Loading Control of WB; IHC; ICC; IP.

**[ IMMUNOGEN ]**

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

**Accession No.:** RPF548Hu01

**[ APPLICATIONS ]**

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

**[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

**[ STORAGE AND STABILITY ]**

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

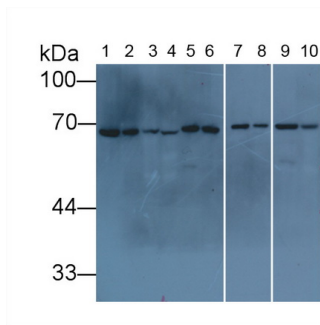
Store at 4°C for frequent use.

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: Lane1: Human Lung lysate; Lane2: 293T cell lysate; Lane3: Cavia Lung lysate; Lane4: Cavia Kidney lysate; Lane5: Canine Lung lysate; Lane6: Canine Kidney lysate; Lane7: Bovine Kidney lysate; Lane8: Rabbit Lung lysate; Lane9: Caprine Lung lysate; Lane10: Caprine Kidney lysate;

Primary Ab: 1?g/ml Mouse Anti-Human LMNB1 Antibody

Second Ab: 0.2µg/mL HRP-Linked Rabbit 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.