

PAC083Hu01

Polyclonal Antibody to Laminin Gamma 2 (LAMC2)

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: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 200μL

Cross Reactivity: N/A

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant LAMC2 (Cys28~Cys196) expressed in *E.coli*

Accession No.: RPC083Hu01

[APPLICATIONS]

Western blotting: 0.01-5μg/mL;

Immunofluorescence: 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.

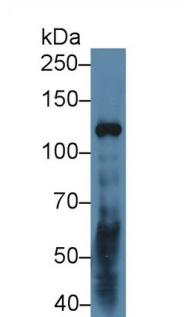
Store at 4°C for frequent use.

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: Human A431 cell lysate;

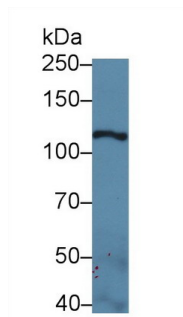
Primary Ab: 5µg/ml Rabbit Anti-Human LAMC2 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Human Lung lysate;

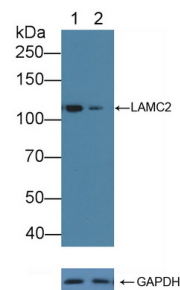
Primary Ab: 5µg/ml Rabbit Anti-Human LAMC2 Antibody

Second Ab: 0.2µg/mL HRP-Linked

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Knockout Varification:

Lane 1: Wild-type A431 cell lysate;

Lane 2: LAMC2 knockout A431 cell lysate;

Predicted MW: 121,130kd

Observed MW: 120kd

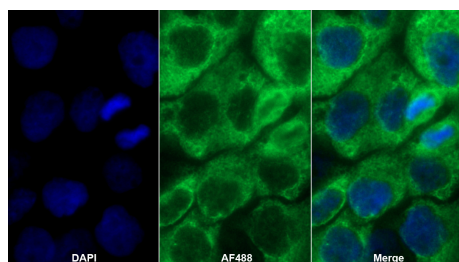
Primary Ab: 5µg/ml Rabbit Anti-Human LAMC2 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: A431 cell

Primary Ab: 20µg/ml Rabbit Anti-Human LAMC2 Antibody

Second Ab: 2µg/ml AF488-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb11)

[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.