

MAA563Hu22

Monoclonal Antibody to Interleukin 1 Beta (IL1b)

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: D7

Traits: Liquid

Concentration: 1mg/mL

UOM: 20 μ L

Cross Reactivity: Mouse

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant IL1b (Ala117~Ser269) expressed in *E.coli*

Accession No.: RPA563Hu01

[APPLICATIONS]

Western blotting: 0.01-2 μ g/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.

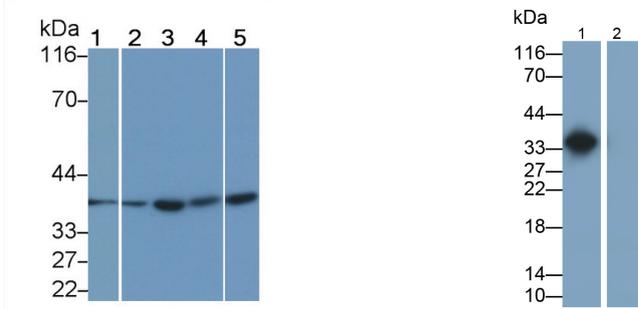
Store at 4°C for frequent use.

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]



<p>Western Blot; Sample: Lane1: RAW264.7 cell lysate; Lane2: A431 cell lysate; Lane3: U87MG cell lysate; Lane4: THP1 cell lysate; Lane5: Jurkat cell lysate Primary Ab: 0.4µg/ml Mouse Anti-Human IL1b Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)</p>	<p>Western Blot; Samples: Lane1: THP1 treated with 10µg/ml LPS and 10µg/ml ConA for 24 hours, cell precipitation; Lane2: Untreated THP1 cell lysate; Primary Ab: 0.2µg/ml Mouse Anti-Human IL1b Antibody Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)</p>
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[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.