

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: 20µL

Cross Reactivity: Mouse

Applications: WB

[IMMUNOGEN]

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

Accession No.: RPA563Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/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:	Western Blot; Samples: Lane1: THP1
RAW264.7 cell lysate; Lane2: A431 cell	treated with 10µg/ml LPS and 10µg/ml
lysate; Lane3: U87MG cell lysate;	ConA for 24 hours, cell precipitation;
Lane4: THP1 cell lysate; Lane5: Jurkat	Lane2: Untreated THP1 cell lysate;
cell lysate Primary Ab: 0.4µg/ml Mouse	Primary Ab: 0.2µg/ml Mouse Anti-
Anti-Human IL1b Antibody Second Ab:	Human IL1b Antibody
0.2µg/mL HRP-Linked Caprine Anti-	Second Ab: 0.2?g/ml HRP-Linked
Mouse IgG Polyclonal Antibody	Caprine Anti-Mouse IgG Polyclonal
(Catalog: SAA544Mu19)	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.