

MAA133Rb23

Monoclonal Antibody to Tumor Necrosis Factor Alpha (TNF α)

Organism Species: *Oryctolagus cuniculus* (Rabbit)

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: IgG1Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: D16

Traits: Liquid

Concentration: 0.57mg/mL

UOM: 100µL

Cross Reactivity: Mouse

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant TNFa (Met1~Val214) expressed in *E.coli*

Accession No.: RPA133Rb02

[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% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

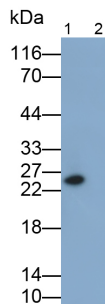
Store at 4°C for frequent use.

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; Samples: Lane1:

RAW264.7 treated with 80nM PMA for 12 hours, then with 100ng/ml LPS for 6 hours, 2 μ g/ml monensin was added in the last 3 hours, cell precipitation;

Lane2: Untreated RAW264.7 cell lysate;

Primary Ab: 0.2 μ g/ml Mouse Anti-Rabbit TNFa Antibody

Second Ab: 0.2 μ 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.