MAA133Ra21

Monoclonal Antibody to Tumor Necrosis Factor Alpha (TNFa)

Organism Species: *Rattus norvegicus* (Rat)

*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: D5

Traits: Liquid

Concentration: 1mg/ml

UOM: 100µl

Cross Reactivity: Mouse

Applications: WB; IHC; ICC; IP.

[ IMMUNOGEN ]

Immunogen: Recombinant TNFa (Leu80~Leu235) expressed in E.coli

Accession No.: RPA133Ra01

[ 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 PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.

[ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4ºC for frequent use.

Aliquot and store at -20ºC 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 ]**

*Figure. Western Blot; Sample: Recombinant TNFa, Rat.*

*FITC staining on IF; Sample: RAW264.7 cell treated with 5?g/ml Lipopolysaccharide (LPS) and 2µM Monensin for 1 night. Primary Ab: 20?g/ml Mouse Anti-Rat TNFa Antibody Second Ab: 5?g/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu18)*

**[ 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.