MAA133Hu23

Monoclonal Antibody to Tumor Necrosis Factor Alpha (TNFa)

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: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C12

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: Mouse

Applications: ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant TNFa (Val77~Leu233) expressed in *E.coli*

Accession No.: RPA133Hu01

[APPLICATIONS]

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.

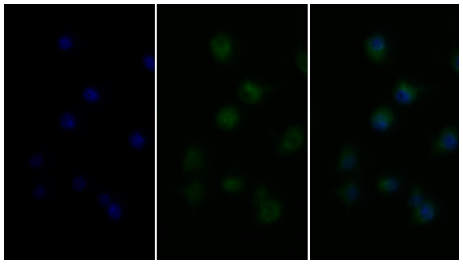
Store at 4ºC for frequent use.

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]



FITC staining on IF; Sample: RAW264.7 cell treated with 5μg/ml Lipo polysaccharide(LPS) and 2μM Monensin for 1 night. Primary Ab: 40μg/ml Mouse Anti-Human TNFa Antibody Second Ab: 5μg/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.