

MAA252Mu21

Monoclonal Antibody to Apolipoprotein C1 (APOC1)

Organism Species: *Mus musculus* (Mouse)

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: IgG2a Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C3

Traits: Liquid

Concentration: 1mg/mL

UOM: 200μL

Cross Reactivity: Human

Applications: IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant APOC1 (Gly32~Ser88) expressed in *E.coli*

Accession No.: RPA252Mu01

[APPLICATIONS]

Immunohistochemistry: 5-30μg/mL;

Immunofluorescence: 5-30μg/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.

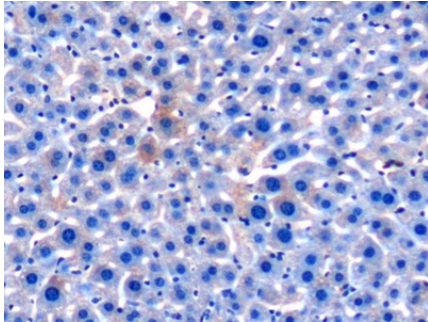
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

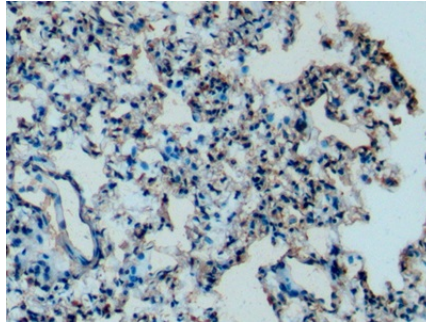
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

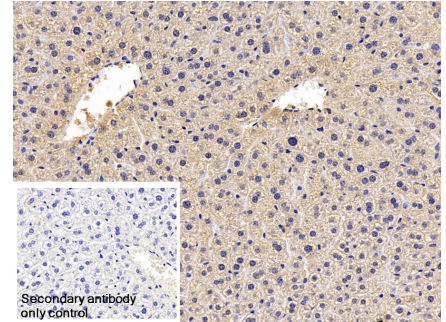
[IDENTIFICATION]



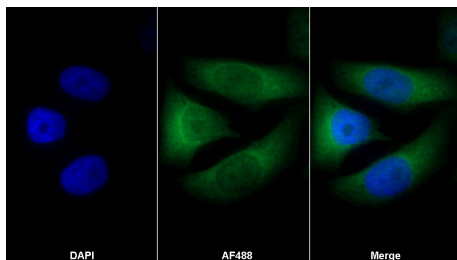
DAB staining on IHC-P; Samples:
Mouse Liver Tissue; Primary Ab:
10µg/ml Mouse Anti-Mouse APOC1
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Mouse IgG
Polyclonal Antibody (Catalog:
SAA544Mu19)



DAB staining on IHC-P;
Samples: Mouse Lung Tissue;
Primary Ab: 10µg/ml Mouse Anti-Mouse
APOC1 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



DAB staining on IHC-P;
Sample: Mouse Liver Tissue
Primary Ab: 30µg/ml Mouse Anti-Mouse
APOC1 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



AF488 staining on IF;
Sample: HepG2 cell
Primary Ab: 30µg/ml Mouse Anti-Mouse
APOC1 Antibody
Second Ab: 2µg/mL AF488-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu11)

[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.