

MAA519Rb21

Monoclonal Antibody to Apolipoprotein A1 (APOA1)

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: IgG2a Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C3

Traits: Liquid

Concentration: 1mg/ml

UOM: 1ml

Cross Reactivity: N/A

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant APOA1 (Asp25~Gln265 (Accession # NM_001101687.1))
expressed in *E.coli*

Accession No.: RPA519Rb01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunocytochemistry: 5-30µg/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]

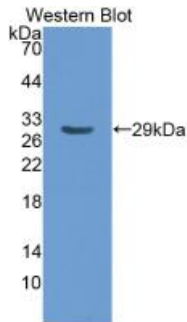
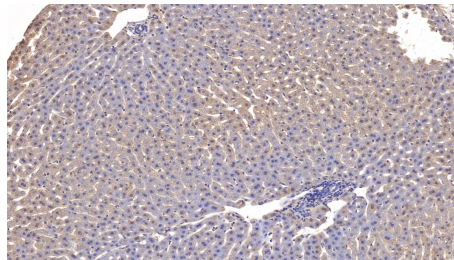
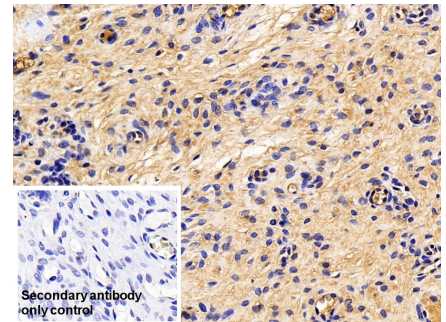


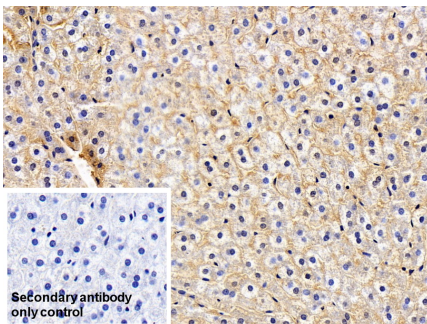
Figure. Western Blot; Sample: Recombinant APOA1, Rabbit.



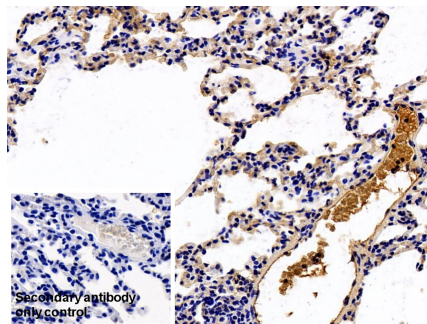
DAB staining on IHC-P; Samples: Rabbit Liver Tissue; Primary Ab: 10µg/ml Mouse Anti-Rabbit APOA1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



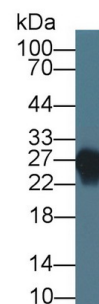
DAB staining on IHC-P; Sample: Rabbit Uterus Tissue Primary Ab: 30µg/ml Mouse Anti-Rabbit APOA1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Sample: Rabbit Liver Tissue Primary Ab: 30µg/ml Mouse Anti-Rabbit APOA1 Antibody Control: Used PBS instead of primary



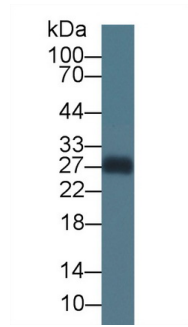
DAB staining on IHC-P; Sample: Rabbit Lung Tissue Primary Ab: 30µg/ml Mouse Anti-Rabbit APOA1 Antibody Control: Used PBS instead of primary



Western Blot; Sample: Rabbit Serum; Primary Ab: 3µg/ml Mouse Anti-Rabbit APOA1 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal

antibody

Second Ab: 2µg/ml HRP-Linked
 Caprine Anti-Mouse IgG Polyclonal
 Antibody
 (Catalog: SAA544Mu19)

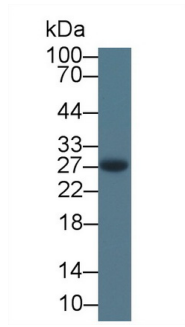


Western Blot; Sample: Rabbit Lung
 lysate;

Primary Ab: 3µg/ml Mouse Anti-Rabbit
 APOA1 Antibody
 Second Ab: 0.2µg/mL HRP-Linked
 Caprine Anti-Mouse IgG Polyclonal
 Antibody
 (Catalog: SAA544Mu19)

antibody

Second Ab: 2µg/ml HRP-Linked
 Caprine Anti-Mouse IgG Polyclonal
 Antibody
 (Catalog: SAA544Mu19)



Western Blot; Sample: Rabbit Liver
 lysate;

Primary Ab: 3µg/ml Mouse Anti-Rabbit
 APOA1 Antibody
 Second Ab: 0.2µg/mL HRP-Linked
 Caprine Anti-Mouse IgG Polyclonal
 Antibody
 (Catalog: SAA544Mu19)

Antibody

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[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.