



RAA519Hu21

Recombinant Monoclonal antibody to Human Apolipoprotein A1 (APOA1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Recombinant monoclonal antibody preparation

Purification: Protein A/G Affinity Chromatography

Potency (Clone Number): 320,000:1 (M7)

Immunoglobulin Type: IgG2b Kappa

Traits: Liquid

Size: 50ug

Concentration: 800ug/ml

Applications: WB; IFC; IHC; IP.

[IMMUNOGEN]

Immunogen: Recombinant human APOA1 expressed in E.coli.

Accession No.: RPA159Hu01

[APPLICATIONS]

Western blotting: 1:40-1:400

Immunohistochemistry: 1:40-1:200

Immunocytochemistry: 1:40-1:200

Flow cytometry: 0.2-2 μ L/10⁶ cells

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: Store at 4°C short term (1-2 weeks).

Upon delivery aliquot. Store at -20°C long term.

Avoid repeated freeze-thaw cycles.

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]

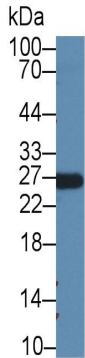


Figure 1. Western Blot

Sample: Human Serum

Primary Ab: 5µg/mL Mouse anti-Human APOA1

Monoclonal Ab(Catalog:RAA519Hu21)

Second Ab: 0.2ug/ml HRP-Linked Goat

anti-Mouse IgG Ab (Catalog:SAA544Mu19)

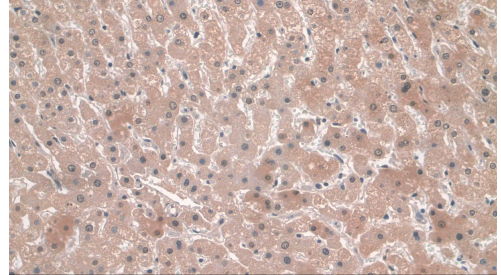


Figure 2. DAB staining on IHC-P

Sample: Human Liver Tissue.

Primary Ab: 10µg/mL Mouse Anti-Human APOA1

Monoclonal Ab (Catalog: RAA519Hu21)

Second Ab: 2ug/ml HRP-Linked Goat Anti-Mouse

IgG Ab (Catalog:SAA544Mu19)