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:** 50μg  
**Concentration:** 800μg/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 μL/10^6 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: 0.2µg/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: 2µg/ml HRP-Linked Goat Anti-Mouse IgG Ab (Catalog: SAA544Mu19)