

**MAA816Ra27**

**Monoclonal Antibody to Alpha-1-Acid Glycoprotein (a1AGP)**

**Organism Species: *Rattus norvegicus* (Rat)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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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:** C10

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100μL

**Cross Reactivity:** Mouse

**Applications:** IHC; ICC/IF

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant α1AGP (Gln19~Gln186 (Accession # P02764)) expressed in *E.coli*

**Accession No.:** RPA816Ra02

**[ APPLICATIONS ]**

Immunohistochemistry: 5-30μg/mL;

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% NaN<sub>3</sub>, 50% glycerol.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

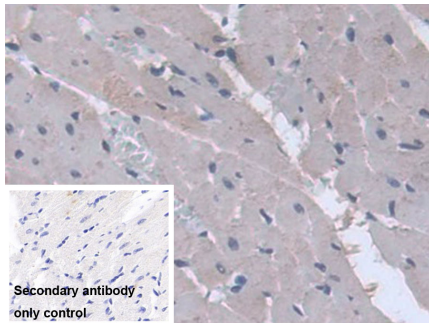
Store at 4°C for frequent use.

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

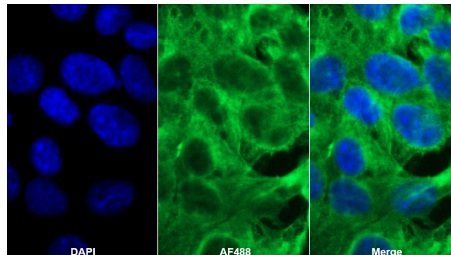
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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; Sample: Rat Heart Tissue  
 Primary Ab: 30µg/ml Mouse Anti-Rat a1AGP Antibody  
 Control: Used PBS instead of primary antibody  
 Second Ab: 2?g/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



AF488 staining on IF;  
 Sample: Hepa1-6 cell  
 Primary Ab: 20µg/ml Mouse Anti-Rat a1AGP Antibody  
 Second Ab: 2?g/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.