

MAE570Hu27

Monoclonal Antibody to Alpha-1-B-Glycoprotein (a1BG)

Organism Species: *Homo sapiens (Human)*

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: IgG1Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: D3

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: Porcine

Applications: IHC

[IMMUNOGEN]

Immunogen: Recombinant a1BG (Ala22~Ala206) expressed in *E.coli*

Accession No.: RPE570Hu01

[APPLICATIONS]

Immunohistochemistry: 5-20μg/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.

[QUALITY CONTROL]

Content: The quality control contains recombinant a1BG disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemilumescence (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris (pH6.8), 1% SDS, 150mM NaCl, 50% glycerol, 0.02% BPB,

50mM DTT and 0.02% NaN₃.

[**STORAGE AND STABILITY**]

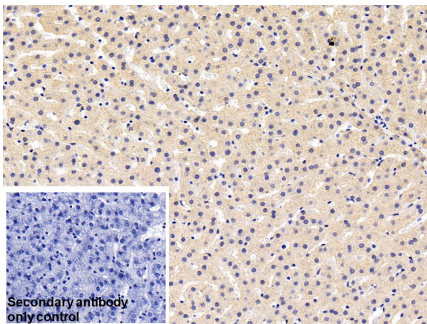
Storage: Avoid repeated freeze/thaw cycles.

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:

Porcine Liver Tissue Primary Ab:

30µg/ml Mouse Anti-Human α1BG

Antibody Control: Used PBS instead of
primary antibody Second Ab: 2?g/ml

HRP-Linked Caprine Anti-Mouse IgG

Polyclonal Antibody (Catalog:

SAA544Mu19)

[**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.