

MAC003Hu22

Monoclonal Antibody to Apolipoprotein B (APOB)

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: IgG2b Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C3

Traits: Liquid

Concentration: 1mg/mL

UOM: 20µL

Cross Reactivity: Porcine

Applications: WB; ICC/IF;FCM

[IMMUNOGEN]

Immunogen: Native APOB

Accession No.: NPC003Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunocytochemistry: 5-30µg/mL;

Flow cytometry: 10µg/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.

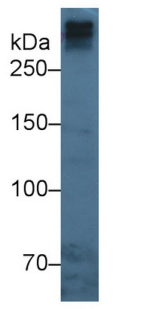
Store at 4°C for frequent use.

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

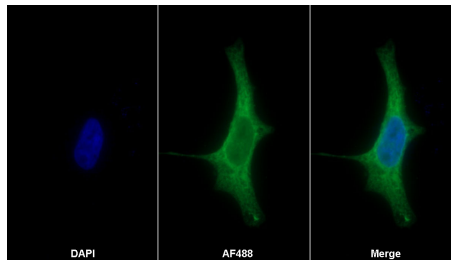
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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]

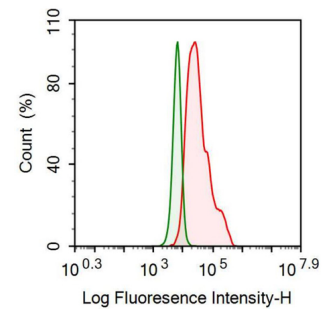


Western Blot; Sample: Human Serum;
Primary Ab: 3µg/ml Mouse Anti-Human
APOB Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



AF488 staining on IF;

Sample: HepG2 cell
Primary Ab: 30µg/ml Mouse Anti-
Human APOB Antibody
Second Ab: 2µg/ml AF488-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu11)



Human Hepa1-6 cell line was fixed with
2% paraformaldehyde (10 min) ,
permeabilised with 0.1% BSA-Triton
X-100, then stained with 10µg/ml mouse
Anti-human APOB Monoclonal
Antibody (Catalog MAC003Hu22, red
histogram) or Isotype control antibody
(Catalog IS067-Mu03, green
histogram), followed by 1µg/ml FITC-
conjugated Anti-mouse IgG Secondary
Antibody (Catalog SAA544Mu18).

[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.