

MAB967Po21

Monoclonal Antibody to Apolipoprotein A4 (APOA4)

Organism Species: *Sus scrofa*; Porcine (Pig)

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: A8

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: Human

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant APOA4 (Glu21~Asn235) expressed in *E.coli*

Accession No.: RPB967Po01

[APPLICATIONS]

Western blotting: 0.01-3μg/mL;

Immunohistochemistry: 5-30μg/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.

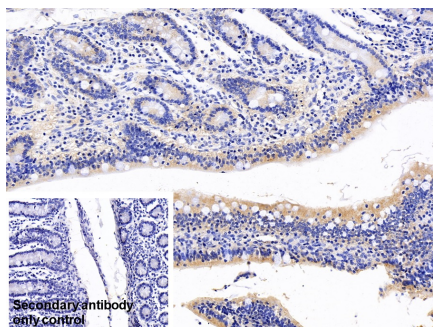
Store at 4°C for frequent use.

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]



DAB staining on IHC-P; Sample:

Porcine Small intestine Tissue Primary

Ab: 30µg/ml Mouse Anti-Porcine

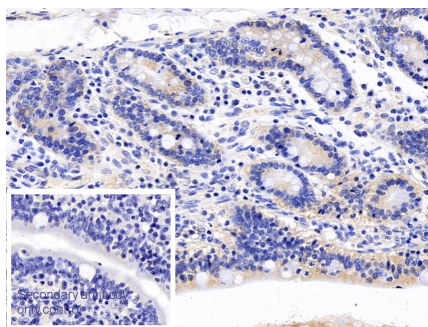
APOA4 Antibody Control: Used PBS

instead of primary antibody Second Ab:

2?g/ml HRP-Linked Caprine Anti-

Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)



DAB staining on IHC-P;

Sample: Porcine Small intestine Tissue;

Primary Ab: 30µg/ml Mouse Anti-

Porcine APOA4 Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal

Antibody

(Catalog: SAA544Mu19)

Secondary antibody only control: Used

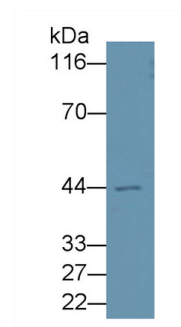
PBS instead of primary antibody ,

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal

Antibody

(Catalog: SAA544Mu19)



Western Blot; Sample: Porcine Small

intestine lysate

Primary Ab: 3µg/ml Mouse Anti-Porcine

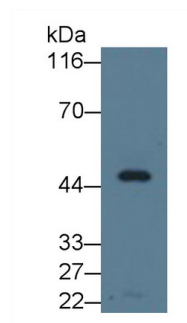
APOA4 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal

Antibody

(Catalog: SAA544Mu19) Selected



Western Blot; Sample: Human Serum

Primary Ab: 3µg/ml Mouse Anti-Porcine

APOA4 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal

Antibody

(Catalog: SAA544Mu19) Selected

[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.