

MAA350Hu21

Monoclonal Antibody to Collagen Type I Alpha 1 (COL1a1)

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: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C1

Traits: Liquid

Concentration: 1mg/ml

UOM: 100µl

Cross Reactivity: Mouse; Rat; Pig

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant COL1a1 (Arg253~Ala471) expressed in *E.coli*

Accession No.: RPA350Hu01

[APPLICATIONS]

Western blotting: 0.5-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunocytochemistry: 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.

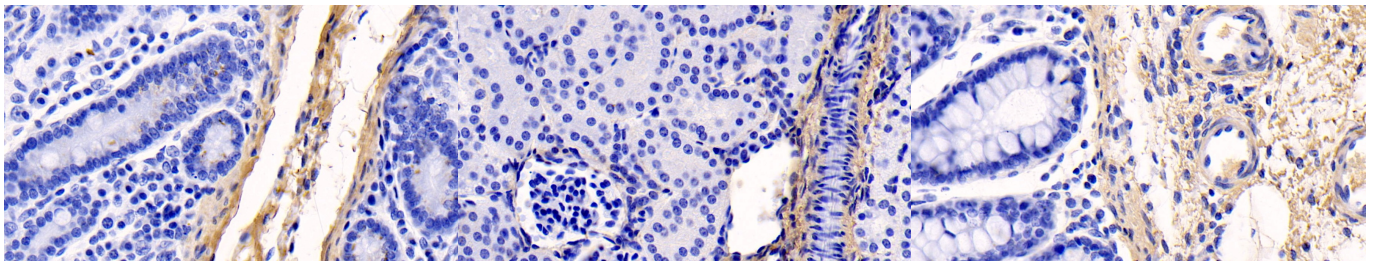
Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 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:
Human Small intestine Tissue; Primary
Ab: 30?g/ml Mouse Anti-Human
COL1a1 Antibody Second Ab:
2µg/mL HRP-Linked Caprine Anti-
Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

DAB staining on IHC-P;
Sample: Human Kidney Tissue;
Primary Ab: 30?g/ml Mouse Anti-
Human COL1a1 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)

DAB staining on IHC-P;
Sample: Human Colon Tissue;
Primary Ab: 30?g/ml Mouse Anti-
Human COL1a1 Antibody
Second Ab: 2µg/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.