

MAA573Hu22

Monoclonal Antibody to Procollagen III N-Terminal Propeptide (PIIINP)

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: E8

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μg(100μL)

Cross Reactivity: Rat; Porcine

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant PIIINP (Gln24~Pro153) expressed in E.coli

Accession No.: RPA573Hu01

[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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

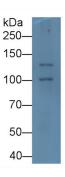
Aliquot and store at -20°C for 24 months.

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

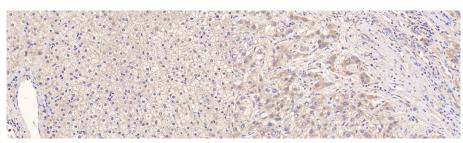
Cloud-Clone Corp.

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

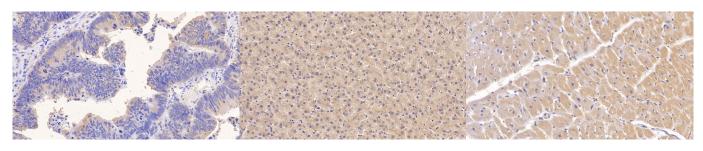


Western Blot; Sample: Rat Pancreas lysate Primary Ab: 2?g/ml Mouse Anti-Human PIIINP Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Sample:
Human Liver Tissue; Primary Ab:
10μg/ml Mouse Anti-Human PIIINP
Antibody Second Ab: 2μg/mL HRPLinked Caprine Anti-Mouse IgG
Polyclonal Antibody (Catalog:
SAA544Mu19)

DAB staining on IHC-P;
Sample: Human Liver cancer Tissue;
Primary Ab: 10µg/ml Mouse AntiHuman PIIINP Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



Sample: Human Colorectal cancer
Tissue;
Primary Ab: 10µg/ml Mouse AntiHuman PIIINP Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)

DAB staining on IHC-P;

DAB staining on IHC-P;
Sample: Porcine Liver Tissue;
Primary Ab: 10µg/ml Mouse AntiHuman PIIINP Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)

DAB staining on IHC-P;
Sample: Porcine Cardiac Muscle
Tissue;
Primary Ab: 10µg/ml Mouse AntiHuman PIIINP 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.