

**MAA573Hu21**

**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

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12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG2b Kappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** A5

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 200µg

**Applications:** WB; IHC; ICC; IP.

**[ IMMUNOGEN ]**

**Immunogen:**

**Accession No.:**

**[ APPLICATIONS ]**

Western blotting: 0.5-5µg/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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

**[ QUALITY CONTROL ]**

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

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

5uL per well when used in enhanced chemiluminescent (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% NaN<sub>3</sub>.

**[ 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 ]**

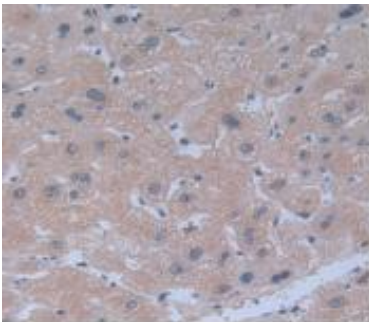


Figure. DAB staining on IHC-P;  
Samples: Human Liver Tissue.

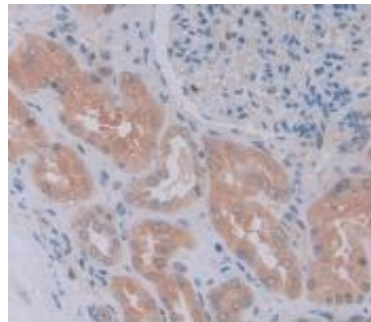


Figure. DAB staining on IHC-P;  
Samples: Human Kidney Tissue.

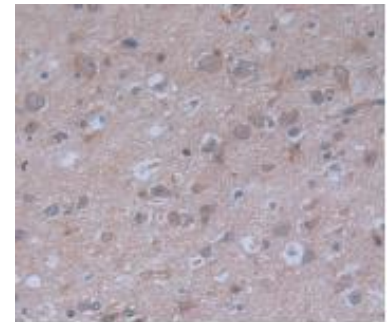


Figure. DAB staining on IHC-P;  
Samples: Human Glioma Tissue.

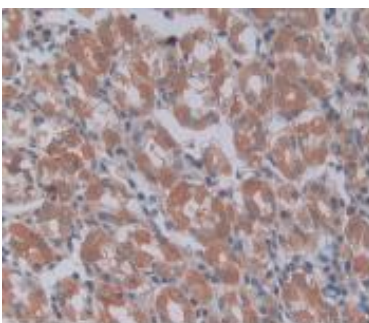
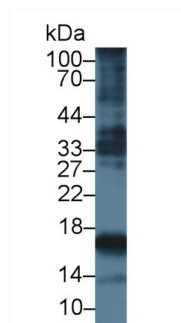
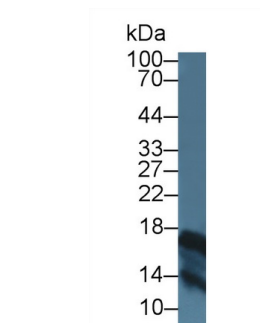


Figure. DAB staining on IHC-P;  
Samples: Human Stomach Tissue.



Western Blot; Sample: Rat Uterus  
lysate;



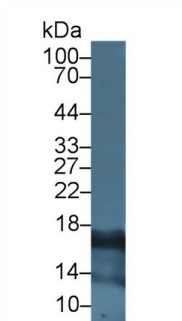
Western Blot; Sample: Human Hela cell  
lysate;

Primary Ab: 5µg/ml Mouse Anti-Human PIIINP Antibody  
Second Ab: 0.2µg/mL HRP-Linked

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Caprine Anti-Mouse IgG Polyclonal  
Antibody  
(Catalog: SAA544Mu19)

Caprine Anti-Mouse IgG Polyclonal  
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Western Blot; Sample: Human HepG2  
cell lysate;

Primary Ab: 5µg/ml Mouse Anti-Human  
PIIINP Antibody

Second Ab: 0.2µg/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.