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Datasheet for ABIN7425932
anti-TIMP1 antibody (AA 25-207)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | TIMP1 |
| Binding Specificity: | AA 25-207 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This TIMP1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|---|
| Purpose: | Monoclonal Antibody to Tissue Inhibitors Of Metalloproteinase 1 (TIMP1) |
| Immunogen: | Recombinant Tissue Inhibitors Of Metalloproteinase 1 (TIMP1) corresponding to Thr25~Ala207 with N-terminal His Tag |
| Clone: | C1 |
| Isotype: | IgG1 kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against TIMP1. It has been selected for its ability to recognize TIMP1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Pig, Rat |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

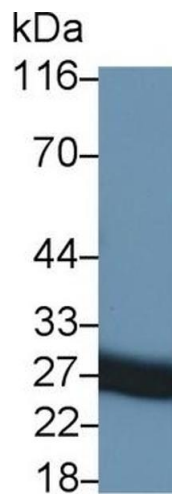
| | |
|-------------------|--|
| Target: | TIMP1 |
| Alternative Name: | Tissue Inhibitors Of Metalloproteinase 1 (TIMP1 Products) |
| Background: | EPO, CLGI, EPA, HCl, Erythroid Potentiating Activity, Collagenase Inhibitor, Metalloproteinase inhibitor 1, Fibroblast collagenase inhibitor |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-50 µg/mL Immunocytochemistry: 5-50 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | 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. |
| Restrictions: | For Research Use only |

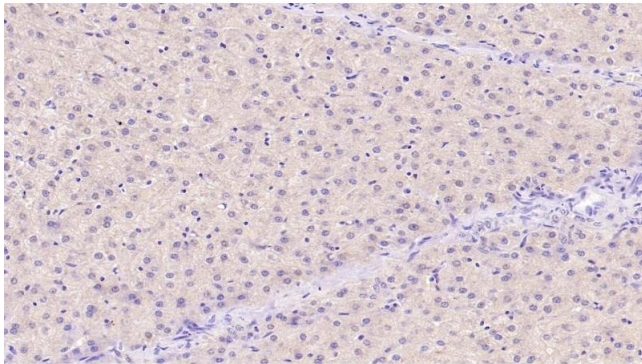
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of TIMP1 in Rat Seminal vesicle lysate using Monoclonal Antibody to Tissue Inhibitors Of Metalloproteinase 1 (TIMP1)



Immunohistochemistry

Image 2. Detection of TIMP1 in Human Liver Tissue using Monoclonal Antibody to Tissue Inhibitors Of Metalloproteinase 1 (TIMP1)