PAA128Mu01
Polyclonal Antibody
To Tissue Inhibitors Of Metalloproteinase 2 (TIMP2)
Organism Species: Mus musculus (Mouse)

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[ PRODUCT INFORMATION ]

Immunogen: TIMP2, Mouse
Clonality: Polyclonal
Host: Rabbit
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 200µg/mL
UOM: 100µg

[ IMMUNOGEN INFORMATION ]

Immunogen: Recombinant TIMP2 (Cys27~Pro220) with N-terminal His-Tag expressed in E.coli.
Accession No.: RPA128Mu01

[ ANTIBODY SPECIFICITY ]

The antibody is a rabbit polyclonal antibody raised against TIMP2. It has been selected for its ability to recognize TIMP2 in immunohistochemical staining and western blotting.

[ APPLICATIONS ]

Western blotting: 1:50-400
Immunocytochemistry in formalin fixed cells: 1:50-500
Immunohistochemistry in formalin fixed frozen section: 1:50-500
Immunohistochemistry in paraffin section: 1:10-100
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.
[ CONTENTS ]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02% NaN₃, 50% glycerol.

[ QUALITY CONTROL ]

Content: The quality control contains recombinant TIMP2 (Cys27~Pro220) 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(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[ STORAGE ]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

[ IMAGES ]

Used in Western Blot, Sample: Recombinant TIMP2, Mouse

Used in DAB staining on fromalin fixed paraffin-embedded testis tissue