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TIMP2 Antibody (clone 1C3)

Mouse Monoclonal Antibody
Catalog # ALS14163

Specification

TIMP2 Antibody (clone 1C3) - Product Information

Application	**IF, IHC**
Primary Accession	P16035
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**24kDa KDa**

TIMP2 Antibody (clone 1C3) - Additional Information

Gene ID 7077

Other Names
Metalloproteinase inhibitor 2, CSC-21K, Tissue inhibitor of metalloproteinases 2, TIMP-2, TIMP2

Target/Specificity
Human TIMP2

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
TIMP2 Antibody (clone 1C3) is for research use only and not for use in diagnostic or therapeutic procedures.

TIMP2 Antibody (clone 1C3) - Protein Information

Name TIMP2

Function
Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19.

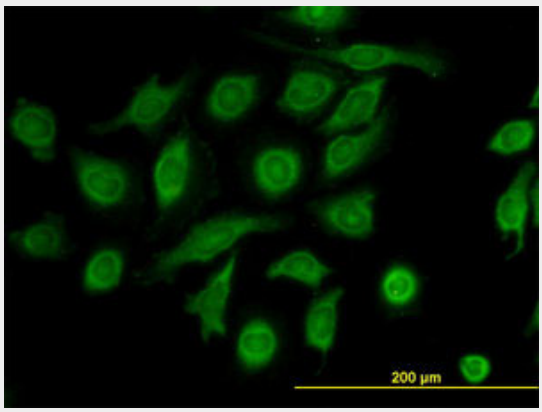
Cellular Location
Secreted.

TIMP2 Antibody (clone 1C3) - Protocols

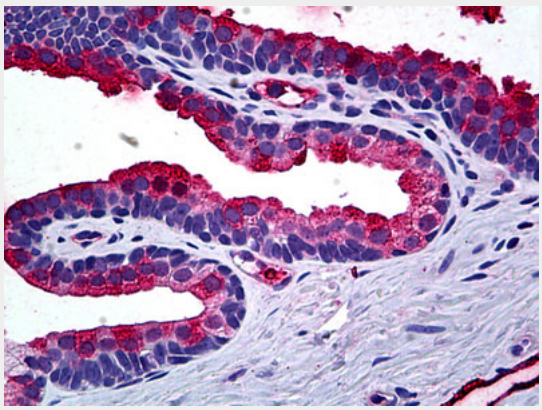
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TIMP2 Antibody (clone 1C3) - Images



Immunofluorescence of monoclonal antibody to TIMP2 on HeLa cell. [antibody concentration 10 ug/ml]



Anti-TIMP2 antibody IHC of human prostate.

TIMP2 Antibody (clone 1C3) - Background

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19.

TIMP2 Antibody (clone 1C3) - References

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Boone T.C.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:2800-2804(1990).
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