

TIMP2 Antibody (clone 5B11)
Mouse Monoclonal Antibody
Catalog # ALS14164

Specification

TIMP2 Antibody (clone 5B11) - Product Information

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

TIMP2 Antibody (clone 5B11) - 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

Store at -20°C, avoid freeze thaw cycles.

Precautions

TIMP2 Antibody (clone 5B11) is for research use only and not for use in diagnostic or therapeutic procedures.

TIMP2 Antibody (clone 5B11) - 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

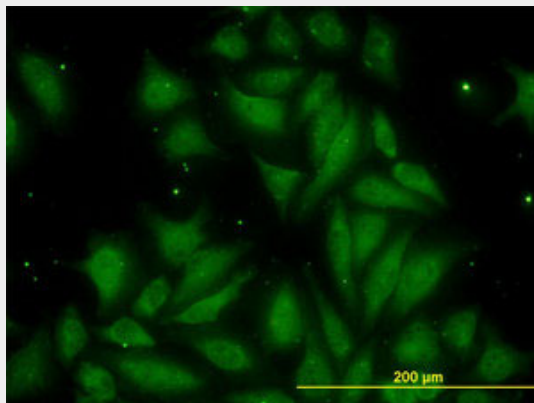
Secreted.

TIMP2 Antibody (clone 5B11) - Protocols

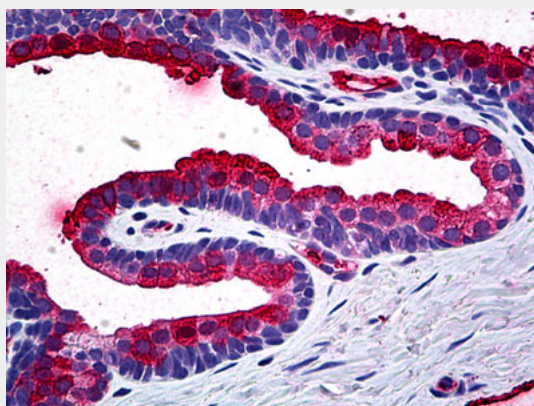
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TIMP2 Antibody (clone 5B11) - 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 5B11) - 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 5B11) - References

Stetler-Stevenson W.G., et al. *J. Biol. Chem.* 265:13933-13938(1990).
Boone T.C., et al. *Proc. Natl. Acad. Sci. U.S.A.* 87:2800-2804(1990).
Hammani K., et al. *J. Biol. Chem.* 271:25498-25505(1996).
Malik K., et al. Submitted (AUG-1990) to the EMBL/GenBank/DDBJ databases.
Stetler-Stevenson W.G., et al. *J. Biol. Chem.* 264:17374-17378(1989).