

TIMP2 Antibody (clone F27P3A4)
Mouse Monoclonal Antibody
Catalog # ALS11838

Specification

TIMP2 Antibody (clone F27P3A4) - Product Information

Application	WB, IHC
Primary Accession	P16035
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Hamster, Monkey, Pig, Chicken, Sheep, Horse, Bovine, Guinea Pig, Dog
Host	Mouse
Clonality	Monoclonal
Calculated MW	24kDa KDa

TIMP2 Antibody (clone F27P3A4) - Additional Information

Gene ID 7077

Other Names

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

Target/Specificity

Ovalbumin-conjugated synthetic Peptide DSGNDIYGNPI

Reconstitution & Storage

+4°C, avoid freezing

Precautions

TIMP2 Antibody (clone F27P3A4) is for research use only and not for use in diagnostic or therapeutic procedures.

TIMP2 Antibody (clone F27P3A4) - 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

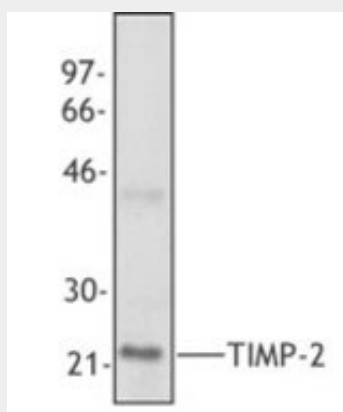
Secreted.

TIMP2 Antibody (clone F27P3A4) - Protocols

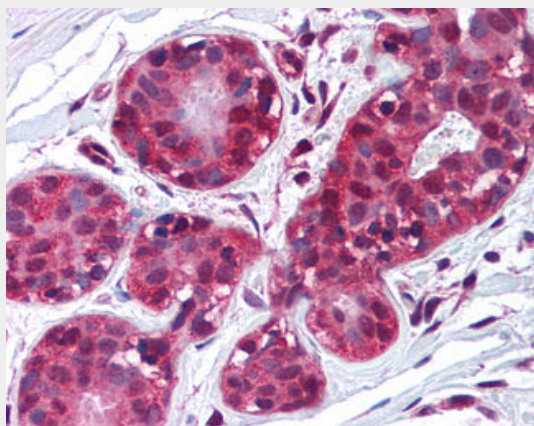
Provided below are standard protocols that you may find useful for product applications.

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

TIMP2 Antibody (clone F27P3A4) - Images



Western blot of recombinant human TIMP-2 protein using anti-TIMP-2, clone F27P3A4.



Anti-TIMP2 antibody IHC of human breast.

TIMP2 Antibody (clone F27P3A4) - 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 F27P3A4) - 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).