

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

**Specification**

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**TIMP2 Antibody (clone F27P3A4) - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P16035</a>
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**

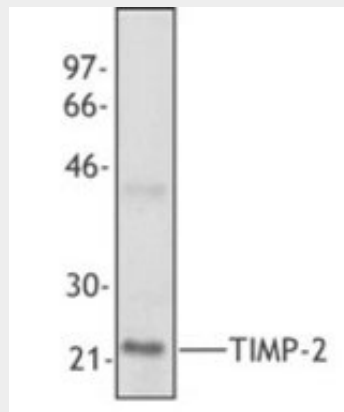
Secreted.

**TIMP2 Antibody (clone F27P3A4) - Protocols**

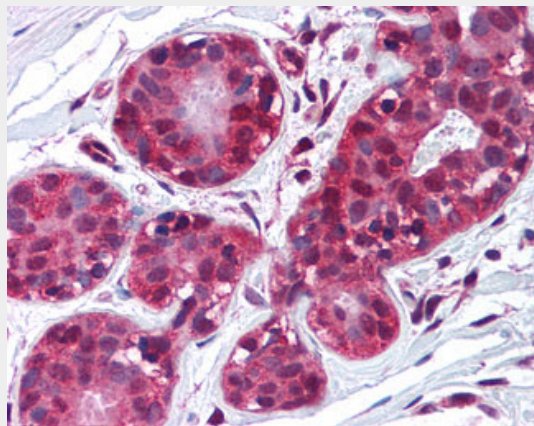
Provided below are standard protocols that you may find useful for product applications.

- [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**

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#### **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).