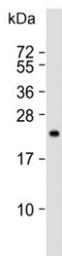


## TIMP2 Antibody [clone 1554CT494.262.47] (F54264)

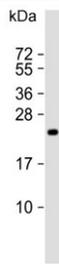
Catalog No.	Formulation	Size
F54264-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54264-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

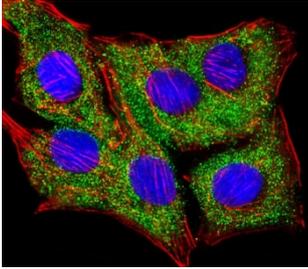
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	1554CT494.262.47
<b>Purity</b>	Protein G affinity
<b>UniProt</b>	P16035
<b>Localization</b>	Cytoplasmic, cell surface, secreted
<b>Applications</b>	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:25 Immunofluorescence : 1:25 Flow Cytometry : 1:25 (1x10e6 cells)
<b>Limitations</b>	This TIMP2 antibody is available for research use only.



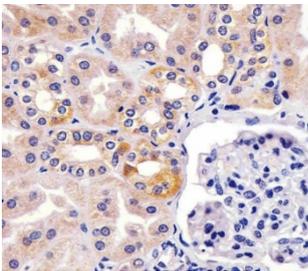
Western blot testing of human SW480 cell lysate with TIMP2 antibody. Predicted molecular weight ~24 kDa.



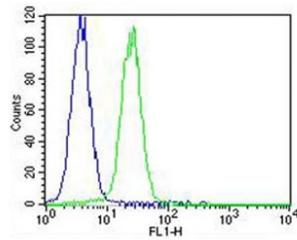
Western blot testing of human HT-1080 cell lysate with TIMP2 antibody. Predicted molecular weight ~24 kDa.



Immunofluorescent staining of fixed and permeabilized human A549 cells with TIMP2 antibody (green), DAPI nuclear stain (blue) and anti-Actin (red).



IHC testing of FFPE human kidney tissue with TIMP2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of fixed and permeabilized human K562 cells with TIMP2 antibody; Blue=isotype control, Green= TIMP2 antibody.

## Description

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the TIMP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids from the human protein were used as the immunogen for the TIMP2 Antibody.

## Storage

Aliquot the TIMP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

