

# Recombinant Anti-TIMP2 Rabbit mAb

Catalog # AP95028

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB, FC                 |
| Primary Accession | <a href="#">P16035</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Monoclonal             |
| Calculated MW     | 24399                  |

## Additional Information

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|--------------------|-------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 7077                                                                                                                    |
| Other Names        | Metalloproteinase inhibitor 2; CSC-21K; Tissue inhibitor of metalloproteinases 2; TIMP-2                                |
| Target/Specificity | KLH-conjugated synthetic peptide encompassing a sequence within human TIMP2 protein. The exact sequence is proprietary. |
| Dilution           | WB~~WB (1/500 - 1/1000) FC~~1:10~50                                                                                     |
| Format             | Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.                                                   |
| Storage            | Store at -20 °C.Stable for 12 months from date of receipt                                                               |

## Protein Information

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.                                                                                                                                                                                                                                            |

## Images

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Western blot analysis of TIMP2 expression in HeLa (A) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 22 kD)



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.