

# TIMP1 Conjugated Antibody

Catalog No: #C56127

Package Size: #C56127-AF350 100ul #C56127-AF405 100ul #C56127-AF488 100ul #C56127-AF555 100ul #C56127-AF594 100ul  
#C56127-AF647 100ul #C56127-AF680 100ul #C56127-AF750 100ul #C56127-Biotin 100ul #C56127-Conjugated 50ul

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | TIMP1 Conjugated Antibody   |
| Host Species          | Rabbit  |
| Clonality             | Monoclonal  |
| Isotype               | Rabbit IgG  |
| Purification          | Affinity-chromatography   |
| Applications          | WB, IF  |
| Species Reactivity    | Human   |
| Specificity           | TIMP1 Antibody detects endogenous levels of total TIMP1                                 |
| Immunogen Description | A synthesized peptide derived from human TIMP1  |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750                                  |
| Other Names           | CLGI; Collagenase inhibitor; EPA; EPO; HCl; Metalloproteinase inhibitor 1; TIMP; TIMP1; |
| Accession No.         | Uniprot:P01033  |
| Calculated MW         | 26kDa   |
| Storage               | Store at 4°C in dark for 6 months   |

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

## Product Description

TIMP1 Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Also mediates erythropoiesis in vitro; but, unlike IL-3, it is species-specific, stimulating the growth and differentiation of only human and murine erythroid progenitors. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-11, MMP-12, MMP-13 and MMP-16.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.