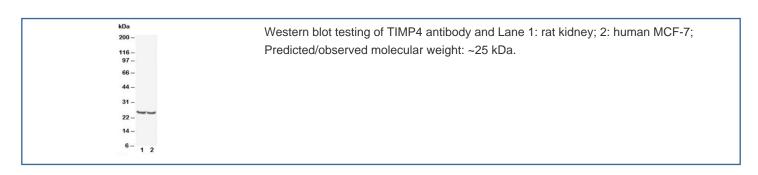


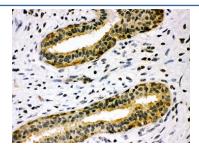
# TIMP4 Antibody (R30262)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R30262      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

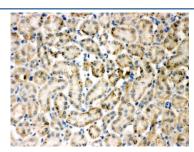
# **Bulk quote request**

| Availability       | 1-3 business days  |
|--------------------|--|
| Species Reactivity | Human, Mouse, Rat  |
| Format             | Antigen affinity purified  |
| Clonality          | Polyclonal (rabbit origin)   |
| Isotype            | Rabbit IgG   |
| Purity             | Antigen affinity   |
| UniProt            | Q99727   |
| Localization       | Secreted   |
| Applications       | Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml |
| Limitations        | This TIMP4 antibody is available for research use only.            |





IHC-P testing of TIMP4 antibody and human breast cancer tissue. HIER: steamed with pH6 citrate buffer.



IHC-P testing of TIMP4 antibody and rat kidney tissue. HIER: steamed with pH6 citrate buffer.

## **Description**

The tissue inhibitors of metalloproteinases (TIMPs) inhibit matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. The TIMP4 gene contains 5 exons that span 6 kb of genomic DNA. The gene is expressed as a 1.4-kb transcript abundant in heart and present at low levels in several other tissues. expressed TIMP4 inhibits MMPs in vitro. TIMP4 binds both progelatinase A and the C domain in a similar manner to that of TIMP-2.

# **Application Notes**

The stated application concentrations are suggested starting amounts. Titration of the TIMP4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

Amino acids 208-224 (YRGHLPLRKEFVDIVQP-human) were used as the immunogen for this TIMP4 antibody.

## **Storage**

Store the TIMP4 antibody at -20oC.