

# Product Datasheet

## **TIMP-1 Antibody [Janelia Fluor® 646] AF580J**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF580J**

TIMP-1 Antibody [Janelia Fluor® 646]

| Product Information         |                                                                                                                                                                                                                                                                              |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                       |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                  |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                     |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                   |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                           |
| Isotype                     | IgG                                                                                                                                                                                                                                                                          |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                                                                                            |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                    |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                           |
| Product Description         |                                                                                                                                                                                                                                                                              |
| Host                        | Goat                                                                                                                                                                                                                                                                         |
| Gene ID                     | 7076                                                                                                                                                                                                                                                                         |
| Gene Symbol                 | TIMP1                                                                                                                                                                                                                                                                        |
| Species                     | Rat                                                                                                                                                                                                                                                                          |
| Specificity/Sensitivity     | Detects rat TIMP-1 in direct ELISAs and Western blots. In direct ELISAs, approximately 40% cross-reactivity with recombinant human (rh) TIMP-1 and recombinant mouse TIMP-1 is observed and less than 1% cross-reactivity with rhTIMP-2, rhTIMP-3, and rhTIMP-4 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant rat TIMP-1<br>Cys24-Ala217<br>Accession # P30120                                                                                                                                                                             |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                        |
| Product Application Details |                                                                                                                                                                                                                                                                              |
| Applications                | Western Blot, Immunohistochemistry, Immunoprecipitation                                                                                                                                                                                                                      |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunoprecipitation                                                                                                                                                                                                                      |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                       |





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### **Products Related to AF580J**

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|               |                                              |
|---------------|----------------------------------------------|
| AB-108-CJ     | Goat IgG Isotype Control [Janelia Fluor 646] |
| NBP2-38700PEP | TIMP-1 Recombinant Protein Antigen           |
| 210-TA-005    | TNF-alpha [Unconjugated]                     |
| DTM100        | TIMP-1 [HRP]                                 |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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