

# Product Datasheet

## **TIMP-4 Antibody (9:4-7) [Alexa Fluor® 350] NBP2-21658AF350**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-21658AF350**

TIMP-4 Antibody (9:4-7) [Alexa Fluor® 350]

| 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               | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clone                   | 9:4-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preservative            | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                 | IgG2b Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugate               | Alexa Fluor 350                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity                  | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer                  | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene ID                 | 7079                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol             | TIMP4                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity Notes        | A BLAST analysis was used to suggest cross-reactivity with TIMBIM 1 from human and mouse sources based on the immunizing sequence. Cross-reactivity with TIMP-4 from other sources has not been determined.                                                                                                                                                                                                                                                           |
| Specificity/Sensitivity | TIMP-4 antibody is specific for human TIMP-4 protein. This antibody reacts with human TIMP-4 in tissue sections of formalin-fixed, paraffin-embedded In ELISAs and Native-PAGE, this antibody does not cross-react with recombinant human TIMP-1, -2 or -3. A BLAST analysis was used to suggest cross-reactivity with TIMP-4 from human and mouse sources based on the immunizing sequence. Cross-reactivity with TIMP-4 from other sources has not been determined. |
| Immunogen               | TIMP-4 Antibody (9:4-7) was produced in mouse by repeated immunizations with full length human TIMP-4 protein followed by hybridoma development. (Uniprot: Q99727)                                                                                                                                                                                                                                                                                                    |



|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Application Details</b> |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |

**Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA

Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

**Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada

Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

**Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

**General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

**Products Related to NBP2-21658AF350**

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|                 |                                                                         |
|-----------------|-------------------------------------------------------------------------|
| NBP1-43317AF350 | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 350] |
| 210-TA-005      | TNF-alpha [Unconjugated]                                                |
| DTM400          | TIMP-4 [HRP]                                                            |
| DMP900          | MMP-9 [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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