

# Product Datasheet

## **TIMP-2 Antibody (TIMP2/2488R) [DyLight 350] NBP3-08721UV**

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 10/26/2023 v.20.1

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**NBP3-08721UV**

TIMP-2 Antibody (TIMP2/2488R) [DyLight 350]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                              |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clone                       | TIMP2/2488R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugate                   | DyLight 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 7077                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol                 | TIMP2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species                     | Human, Mouse, Rat, Bovine, Guinea Pig, Rabbit, Zebrafish                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | It recognizes a protein of 21kDa, identified as tissue inhibitor of metalloproteinases-2 (TIMP-2). It is closely related to TIMP-1 and shows the highest binding affinity to both the latent (pro) and active forms of 72kDa Type IV collagenase (also known as MMP-2 or gelatinase A). It also has affinity for the active form of 92kDa Type IV collagenase (also known as MMP-9 or gelatinase B). TIMP-2 inhibits the proteolytic invasiveness of tumor cells and normal placental trophoblast cells. |
| Immunogen                   | A synthetic peptide from the N-terminus of human TIMP-2 protein (aa56-66) (DSGNDIYGNPI) (Uniprot: P16035)                                                                                                                                                                                                                                                                                                                                                                                                |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Applications                | Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Recommended Dilutions       | Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                                   |



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### **Products Related to NBP3-08721UV**

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|                 |                                          |
|-----------------|------------------------------------------|
| NBP2-24891UV    | Rabbit IgG Isotype Control [DyLight 350] |
| NBP2-61356-10ug | Recombinant Human TIMP-2 Protein         |
| 210-TA-005      | TNF-alpha [Unconjugated]                 |
| DTM200          | TIMP-2 [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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