

Product Datasheet

TIMP-2 Antibody (TIMP2/2044) [Alexa Fluor™ Plus 680] NBP3-08714AFP680

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-08714AFP680

TIMP-2 Antibody (TIMP2/2044) [Alexa Fluor™ Plus 680]

| 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 | TIMP2/2044 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Alexa Fluor Plus 680 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Host | Mouse |
| Gene ID | 7077 |
| Gene Symbol | TIMP2 |
| Species | Human |
| 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 | Recombinant human TIMP-2 protein fragment (aa 48-220) (exact sequence is proprietary) (Uniprot: P16035) |
| Notes | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Immunohistochemistry-Paraffin, ELISA, Protein Array |



| | |
|------------------------------|--|
| Recommended Dilutions | ELISA, Immunohistochemistry-Paraffin, Protein Array |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP3-08714AFP680

| | |
|------------|--------------------------------------|
| NBP2-22869 | Recombinant Human TIMP-2 His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| DTM200 | TIMP-2 [HRP] |
| M6000B-1 | IL-6 [HRP] |

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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