

# Product Datasheet

## TIMP-2 Antibody (SPM356) [FITC] NBP2-54554F

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-54554F****TIMP-2 Antibody (SPM356) [FITC]**

| <b>Product Information</b> |   |
|----------------------------|---|
| <b>Unit Size</b>           | 100 ul  |
| <b>Concentration</b>       | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Store at 4C in the dark.  |
| <b>Clonality</b>           | Monoclonal  |
| <b>Clone</b>               | SPM356  |
| <b>Preservative</b>        | 0.05% Sodium Azide  |
| <b>Isotype</b>             | IgG2a Kappa   |
| <b>Conjugate</b>           | FITC  |
| <b>Purity</b>              | Protein A or G purified   |
| <b>Buffer</b>              | PBS   |

| <b>Product Description</b>     |  |
|--------------------------------|--|
| <b>Description</b>             | 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.  |
| <b>Host</b>                    | Mouse  |
| <b>Gene ID</b>                 | 7077   |
| <b>Gene Symbol</b>             | TIMP2  |
| <b>Species</b>                 | Human, Mouse, Rat, Bovine, Guinea Pig, Rabbit, Zebrafish   |
| <b>Specificity/Sensitivity</b> | 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. |
| <b>Immunogen</b>               | A synthetic peptide from the N-terminus of human TIMP-2 protein (aa56-66) (DSGNDIYGNPI) (Uniprot: P16035)  |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |



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### **Products Related to NBP2-54554F**

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|                 |   |
|-----------------|---|
| NBP1-96981F     | Mouse IgG2a Kappa Isotype Control (M2AK) [FITC] |
| 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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