

# Product Datasheet

## MMP-2 Antibody (MMP2/1501) - Azide and BSA Free NBP2-54364-100ug

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-54364-100ug**

MMP-2 Antibody (MMP2/1501) - Azide and BSA Free

| Product Information |   |
|---------------------|---|
| Unit Size           | 100 ug  |
| Concentration       | 1 mg/ml   |
| Storage             | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality           | Monoclonal                                      |
| Clone               | MMP2/1501                                       |
| Preservative        | No Preservative                                 |
| Isotype             | IgG1 Kappa                                      |
| Purity              | Protein A or G purified                         |
| Buffer              | 10 mM PBS                                       |

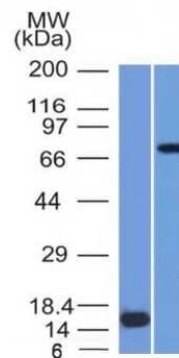
| Product Description |   |
|---------------------|---|
| Description         | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53404).<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host                | Mouse   |
| Gene ID             | 4313  |
| Gene Symbol         | MMP2  |
| Species             | Human   |
| Marker              | Tumor Metastasis Marker   |
| Immunogen           | Recombinant human MMP-2 protein fragment (aa 444-575) (exact sequence is proprietary) (Uniprot: P08253)   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Protein Array, CyTOF-ready                          |
| Recommended Dilutions       | Western Blot 0.5 - 1 ug/ml, Protein Array, CyTOF-ready            |
| Application Notes           | Optimal dilution for a specific application should be determined. |

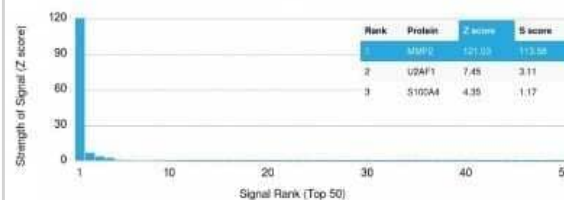


## Images

Western Blot: MMP-2 Antibody (MMP2/1501) - Azide and BSA Free [NBP2-54364] - (1) Recombinant MMP2 protein and (2) U87 Cell Lysate using MMP2 Monoclonal Antibody (MMP2/1501).



Protein Array: MMP-2 Antibody (MMP2/1501) - Azide and BSA Free [NBP2-54364] - Analysis of Protein Array containing more than 19,000 full-length human proteins using MMP-2 Antibody (MMP2/1501) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SDs) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SDs) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5.





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### **Products Related to NBP2-54364-100ug**

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|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| NBP2-53037-50ug  | Recombinant Human MMP-2 His Protein                     |

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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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