

# Product Datasheet

## BRCA1 Antibody (BRCA1/1472) NBP2-53177-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP2-53177-100ug**

BRCA1 Antibody (BRCA1/1472)

| Product Information     |                          |
|-------------------------|--------------------------|
| Unit Size               | 100 ug                   |
| Concentration           | 0.2 mg/ml                |
| Storage                 | Store at 4C.             |
| Clonality               | Monoclonal               |
| Clone                   | BRCA1/1472               |
| Preservative            | 0.05% Sodium Azide       |
| Isotype                 | IgG1 Kappa               |
| Purity                  | Protein A or G purified  |
| Buffer                  | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 220 kDa                  |

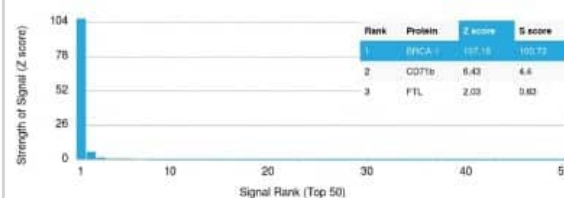
| Product Description |                                                                                                                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54337)<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host                | Mouse                                                                                                                                                                                                                                                                                        |
| Gene ID             | 672                                                                                                                                                                                                                                                                                          |
| Gene Symbol         | BRCA1                                                                                                                                                                                                                                                                                        |
| Species             | Human                                                                                                                                                                                                                                                                                        |
| Marker              | Breast Marker                                                                                                                                                                                                                                                                                |
| Immunogen           | Recombinant fragment (around aa 445-620) of human BRCA1 protein (exact sequence is proprietary) (Uniprot: P38398)                                                                                                                                                                            |

| Product Application Details |                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Applications                | ELISA, Protein Array                                                                                                           |
| Recommended Dilutions       | ELISA 2-4 ug/ml, Protein Array                                                                                                 |
| Application Notes           | ELISA: For coating use Ab at 2-4ug/ml, order Ab without BSA. Optimal dilution for a specific application should be determined. |



## Images

Protein Array: BRCA1 Antibody (BRCA1/1472) [NBP2-53177] - Analysis of Protein Array containing more than 19,000 full-length human proteins using BRCA1 Antibody (BRCA1/1472). 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 (SD's) 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 SD's) 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 NBP2-53177-100ug**

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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)           |
| H00000672-P01-25ug | Recombinant Human BRCA1 GST (N-Term) 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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