

## BRCA1 antibody [BRCA1/1398]

## Cat. No. GTx34445

|              |                      |         |
|--------------|----------------------|---------|
| Host         | Mouse                | Package |
| Clonality    | Monoclonal           | 100 µg  |
| Isotype      | IgG1                 |         |
| Applications | IHC-P, Protein Array |         |
| Reactivity   | Human                |         |

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution          |
|--------------------|-------------------------------|
| IHC-P              | 2-5µg/ml for 60 minutes at RT |
| Protein Array      | Assay dependent               |

**Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.**

Not tested in other applications.

## Properties

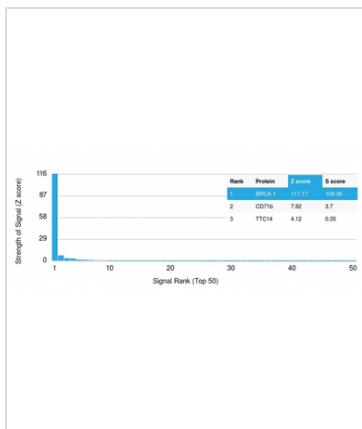
|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS, 0.05% BSA   |
| Preservative  | 0.05% Sodium azide   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.2 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Immunogen     | Recombinant human BRCA1 protein fragment (around aa445-620) (exact sequence is proprietary)  |
| Purification  | Protein A/G purified   |
| Conjugation   | Unconjugated   |
| Note          | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.  |
|               | Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.  |



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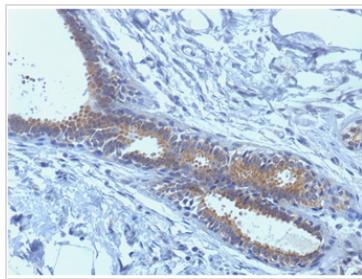
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## DATA IMAGES



## GTx34445 Protein Array Image

Analysis of Protein Array containing more than 19,000 full-length human proteins using BRCA-1 Mouse Monoclonal Antibody (BRCA1/1398). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProtTM 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 HuProtTM 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. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



## GTx34445 IHC-P Image



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