

## SOD1 antibody [SOD1/2089]

**Cat. No. GTX18134**

|                     |                      |
|---------------------|----------------------|
| <b>Host</b>         | Mouse                |
| <b>Clonality</b>    | Monoclonal           |
| <b>Isotype</b>      | IgG2b                |
| <b>Applications</b> | ELISA, Protein Array |
| <b>Reactivity</b>   | Human                |

**Package**  
100 µg

## Applications

**Application Note**

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

| Suggested dilution | Recommended dilution   |
|--------------------|------------------------|
| ELISA              | 1-5µg/ml (for coating) |
| Protein Array      | Assay dependent        |

**Note : For ELISA coating, recommend using BSA-free format (please contact us for PBS only format).**

Not tested in other applications.

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS, 0.05% BSA                                                                                                                                                                                                             |
| <b>Preservative</b>  | 0.05% Sodium azide                                                                                                                                                                                                         |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 0.2 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                 |
| <b>Immunogen</b>     | Recombinant full-length human SOD1 protein                                                                                                                                                                                 |
| <b>Purification</b>  | Protein A/G purified                                                                                                                                                                                                       |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

**Note**

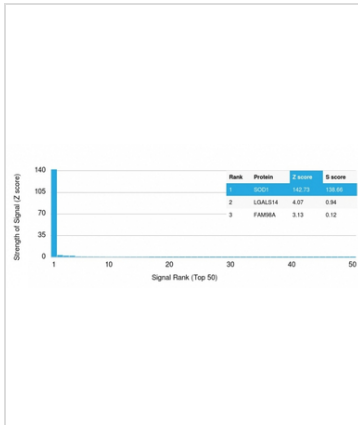
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## DATA IMAGES



### GTX18134 Protein Array Image

Analysis of Protein Array containing more than 19,000 full-length human proteins using Superoxide Dismutase 1 Mouse Monoclonal Antibody (SOD1/2089). 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 HuProt™ 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™ 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.



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