

## Product Datasheet

### SOX9 Antibody (orb1410470)

|                            |  |
|----------------------------|--|
| <b>Catalog Number</b>      | orb1410470   |
| <b>Category</b>            | Antibodies   |
| <b>Description</b>         | Mouse monoclonal antibody to SOX9  |
| <b>Target</b>              | SOX9   |
| <b>Clonality</b>           | Monoclonal   |
| <b>Species/Host</b>        | Mouse  |
| <b>Isotype</b>             | IgG2b  |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Reactivity</b>          | Human  |
| <b>Form/Appearance</b>     | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml. |
| <b>Immunogen</b>           | Recombinant human full-length SOX9 protein   |
| <b>UniProt ID</b>          | <b>P48436</b>  |
| <b>MW</b>                  | 65kDa  |
| <b>Tested applications</b> | ELISA  |
| <b>Clone Number</b>        | PCRP-SOX9-1E5  |
| <b>Expression System</b>   | HEK293 cells   |

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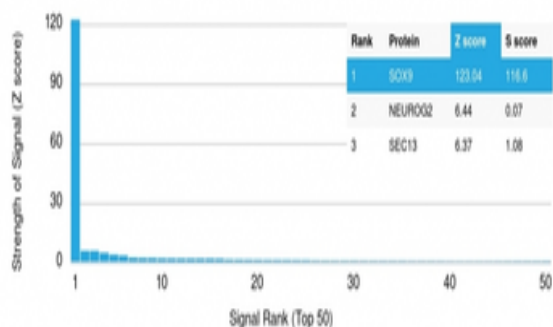
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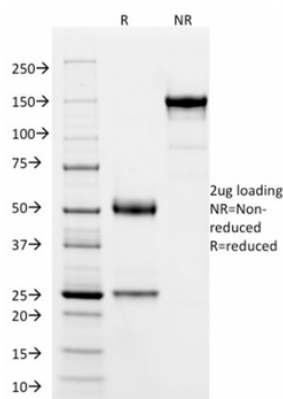
**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note** For research use only

**Expiration Date** 12 months from date of receipt.



Analysis of Protein Array containing more than 19000 full-length human proteins using SOX9 Mouse Monoclonal Antibody (PCRP-SOX9-1E5). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary 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 MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb 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 MAb to protein X is equal to 29.



SDS-PAGE Analysis Purified SOX9 Mouse Monoclonal Antibody (PCRP-SOX9-1E5). Confirmation of Purity and Integrity.

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