

## PRODUCT SPECIFICATION

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name             | Anti-SOX9                                                                                                                                                                                                                                                                         |
| Product Number           | AMAb90795                                                                                                                                                                                                                                                                         |
| Clone Number             | CL0639                                                                                                                                                                                                                                                                            |
| Gene Description         | SRY (sex determining region Y)-box 9                                                                                                                                                                                                                                              |
| Alternative Names        | CMD1, CMPD1, SRA1                                                                                                                                                                                                                                                                 |
| Clonality                | Monoclonal                                                                                                                                                                                                                                                                        |
| Isotype                  | IgG2a                                                                                                                                                                                                                                                                             |
| Host                     | Mouse                                                                                                                                                                                                                                                                             |
| Purification Method      | Protein A purified                                                                                                                                                                                                                                                                |
| Verified Species         | Human, Mouse                                                                                                                                                                                                                                                                      |
| Reactivity               |                                                                                                                                                                                                                                                                                   |
| Recommended Applications | IHC (Immunohistochemistry)<br>- Antibody dilution: 1:500 - 1:1000<br>- Retrieval method: HIER pH6<br>WB (Western Blot)<br>- Working concentration: 1 µg/ml<br>ICC-IF (Immunofluorescence)<br>- Fixation/Permeabilization: PFA/Triton X-100<br>- Working concentration: 2-10 µg/ml |
| Characterization Data    | Available at <a href="https://atlasantibodies.com/products/AMAb90795">atlasantibodies.com/products/AMAb90795</a>                                                                                                                                                                  |
| Buffer                   | 40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.                                                                                                                                                                                                       |
| Concentration            | Lot dependent                                                                                                                                                                                                                                                                     |
| Storage                  | Store at +4°C for short term storage. Long time storage is recommended at -20°C.                                                                                                                                                                                                  |
| Notes                    | Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.                                                                                                                                                               |

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