

## PRODUCT SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name                | Anti-COX4I1                                                                                                                                                                                                                                                                                                |
| Product Number              | AMAb91171                                                                                                                                                                                                                                                                                                  |
| Clone Number                | CL3497                                                                                                                                                                                                                                                                                                     |
| Gene Description            | cytochrome c oxidase subunit IV isoform 1                                                                                                                                                                                                                                                                  |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                 |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                       |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                      |
| Purification Method         | Protein A purified                                                                                                                                                                                                                                                                                         |
| Verified Species Reactivity | Human, Mouse, Rat                                                                                                                                                                                                                                                                                          |
| Recommended Applications    | IHC (Immunohistochemistry)<br>- Antibody dilution: 1:5000 - 1:10000<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/AMAb91171">atlasantibodies.com/products/AMAb91171</a>                                                                                                                                                                                           |
| Buffer                      | The antibodies are delivered in 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                       | The antibody solution should be gently mixed before use. Optimal concentrations and conditions for each application should be determined by the user.<br>For protocols, additional product information, such as images and references, see <a href="https://atlasantibodies.com">atlasantibodies.com</a> . |

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