

## Anti-COX IV Mouse Monoclonal Antibody (14Y2), HRP Conjugated

Cat #: A01060HRP

Size: 50µl/200µl/200µl×5

### Product Information

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|                                                                                   | <b>Product Name:</b> Anti-COX IV Mouse Monoclonal Antibody (14Y2), HRP Conjugated |                                                                                   |                                           |
|                                                                                   | <b>Applications:</b> WB, IHC                                                      |                                                                                   | <b>Isotype:</b> Mouse IgG1                |
|                                                                                   | <b>Reactivity:</b> Human, Mouse, Rat                                              |                                                                                   |                                           |
| <b>REF</b>                                                                        | <b>Catalog Number:</b> A01060HRP                                                  | <b>LOT</b>                                                                        | <b>Lot Number:</b> Refer to product label |
|                                                                                   | <b>Formulation:</b> Liquid                                                        |                                                                                   | <b>Concentration:</b> 1 mg/ml             |
|  | <b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.              |  | <b>Note:</b> Null                         |

**Background:** Cytochrome c Oxidase or Complex IV (EC 1.9.3.1) is a large transmembrane protein complex found in bacteria and the mitochondrion. It is the last enzyme in the respiratory electron transport chain of mitochondria (or bacteria) located in the mitochondrial (or bacterial) membrane. It receives an electron from each of four cytochrome c molecules, and transfers them to one oxygen molecule, converting molecular oxygen to two molecules of water.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000-1:3000), IHC (1:50-1:300).

**Storage Buffer:** Liquid in PBS, pH 7.4 and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.