# MT-CO2 Antibody

Rabbit Polyclonal

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| Antigen Affinity Purified | | Protein ID | P00403.1 |
| Catalog No. | A305-319A-T | GeneID | 4513 |
| Lot No. | A305-319A-T-1 | | |

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| **APPLICATIONS** | IP |
| **SPECIES REACTIVITY** | Human |
| **AMOUNT** | 10 µl |
| **CONCENTRATION** | 1000 µg/ml |
| **STORAGE/SHELF LIFE** | 2 - 8°C / 1 year from date of receipt |
| **PHYSICAL STATE** | Liquid |
| **BUFFER** | Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| **ISOTYPE** | IgG |
| **ORIGIN** | USA |
| **PRODUCTION PROCEDURES** | Antibody was affinity purified using an epitope specific to MT-CO2 immobilized on solid support.<br><br>The epitope recognized by A305-319A-T maps to a region between residue 125 to 175 of human Cytochrome c oxidase subunit 2 using the numbering given in entry P00403.1 (GeneID 4513).<br><br>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. |
| **APPLICATIONS** | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. |

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| Western Blot | Not recommended. Use rabbit anti-MT-CO2 antibody A305-318A. |
| Immunoprecipitation | 2 - 10 µg/mg lysate |

**ADDITIONAL INFO** Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: March 31, 2022



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