

# IMMT/Mitofilin Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q16891.1

Catalog No. A305-024A

GeneID 10989

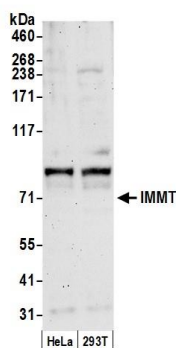
Lot No. A305-024A-1



|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                    |                     |                 |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|---------------------|-----------------|
| APPLICATIONS          | WB                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |                    |                     |                 |
| SPECIES REACTIVITY    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |                    |                     |                 |
| PRESUMED REACTIVITY   | Based on 100% sequence identity, this antibody is predicted to react with Mouse and Rat                                                                                                                                                                                                                                                                                                                                                    |              |                    |                     |                 |
| AMOUNT                | 100 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 | <p>Antibody was affinity purified using an epitope specific to IMMT/Mitofilin immobilized on solid support.</p> <p>The epitope recognized by A305-024A maps to a region between residue 475 to 525 of human Mitochondrial inner membrane protein using the numbering given in entry Q16891.1 (GeneID 10989).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> |              |                    |                     |                 |
| APPLICATIONS          | <p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>Not recommended</td></tr></table>                                                                                                               | Western Blot | 1:2,000 – 1:10,000 | Immunoprecipitation | Not recommended |
| Western Blot          | 1:2,000 – 1:10,000                                                                                                                                                                                                                                                                                                                                                                                                                         |              |                    |                     |                 |
| Immunoprecipitation   | Not recommended                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                    |                     |                 |
| APPLICATION NOTES     | Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                  |              |                    |                     |                 |
| ADDITIONAL INFO       | <p><a href="https://www.bethyl.com/product/A305-024A">https://www.bethyl.com/product/A305-024A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>                                                                                                                                                                                                                         |              |                    |                     |                 |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



**Detection of human IMMT by western blot.** *Samples:* Whole cell lysate (50 µg) from HeLa and 293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-IMMT antibody A305-024A (lot A305-024A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.