# T7 Tag Antibody

Rabbit Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A190-117P

Lot No. 13

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| **APPLICATIONS** | WB, ICC, ELISA |
| **AMOUNT** | 0.1 ml |
| **CONCENTRATION** | 1 mg/ml |
| **STORAGE/SHELF LIFE** | 2 - 8°C / 1 year from date of receipt |
| **PHYSICAL STATE** | Liquid |
| **BUFFER** | Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.05% Pro-Clean 400 |
| **ISOTYPE** | IgG |
| **ORIGIN** | USA |
| **PRODUCTION PROCEDURES** | Rabbits were immunized with T7 (MASMTGGQQMG) conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support and conjugated to horseradish peroxidase (HRP).<br><br>Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. Molar enzyme/antibody protein ratio is 4:1. |
| **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 | 1:1000 - 1:30,000 |
| Immunocytochemistry | 1:200 - 1:500 |
| ELISA | 1:10,000 - 1:100,000 |

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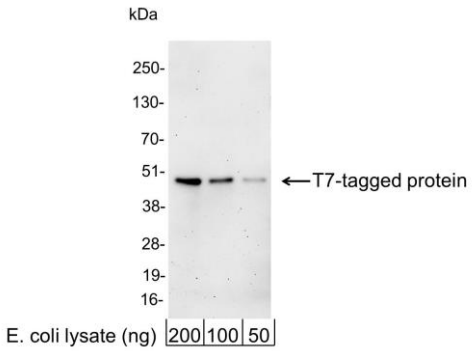
| **APPLICATION NOTES** | All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.<br><br>Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (Cat. No. A120-101P). |
| **ADDITIONAL INFO** | https://www.fortislife.com/p/A190-117P<br>Use the link above to view SDS, a current list of citations, and other product specific information. |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD Date: January 19, 2024




**Detection of T7-tagged protein by western blot.**
*Samples:* 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. *Antibodies:* Affinity-purified, HRP-conjugated, rabbit anti-T7 antibody A190-117P used for WB at 0.2 µg/ml (1:5,000). *Detection:* Chemiluminescence with an exposure time of 3 minutes.