## **T7 Tag Antibody**

Goat Polyclonal Conjugate HRP



Antigen Affinity Purified Catalog No. A190-116P

Lot No. 15

**APPLICATIONS** WB, IHC, 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**Goats 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).

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. 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.

Western Blot 1:1,000 – 1:30,000 Immunohistochemistry Not applicable Immunocytochemistry 1:200 – 1:500

ELISA 1:10.000 - 1:100.000

**APPLICATION NOTES** Not all listed applications have been specifically tested by our laboratory.

Validation by Western Blot was performed using a Western Blot Gel 4-20%.

ADDITIONAL INFO https://www.fortislife.com/p/A190-116P

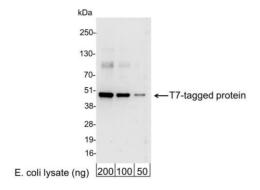
Use the link above to view SDS, a current list of citations, and other product specific information.

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

Michael Spencer, PhD

Date: May 10, 2023

T7 Tag Antibody A190-116P



**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, goat anti-T7 antibody A190-116P used for WB at 0.2 μg/ml (1:5,000). *Detection:* Chemiluminescence with an exposure time of 30 seconds.