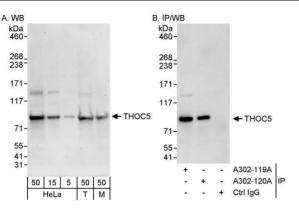
## **THOC5** Antibody

| Rabbit Polyclonal<br>Antigen Affinity Purified<br>Catalog No. A302-119A |       |   | Protein ID<br>GenelD | NP_003669.4<br>8563                                   |  |
|---|-------|---|----------------------|---|--|
| Lot No.   | A302- | 119A-1  |                      |   |  |
| APPLICATIONS  |       | WB, IP, IHC   |                      |   |  |
| SPECIES REACTIVITY  |       | Human, Mouse  |                      |   |  |
| PRESUMED REACTIVITY   |       | Based on 100% sequence identity, this antibody is predicted to react with Rat and Bovine  |                      |   |  |
| AMOUNT  |       | 100 μΙ  |                      |   |  |
| CONCENTRATION   |       | 200 µg/ml   |                      |   |  |
| STORAGE/SHELF LIFE  |       | 2 - 8° C / 1 year from date of receipt  |                      |   |  |
| PHYSICAL STATE  |       | Liquid  |                      |   |  |
| BUFFER  |       | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide   |                      |   |  |
| ISOTYPE   |       | IgG   |                      |   |  |
| ORIGIN  |       | USA   |                      |   |  |
| PRODUCTION<br>PROCEDURES  |       | Antibody was affinity purified using an epitope specific to THOC5 immobilized on solid support.   |                      |   |  |
| FROCEDURES  |       | The epitope recognized by A302-119A maps to a region between residue 25 and 75 of human THO complex 5 using the numbering given in entry NP_003669.4 (GeneID 8563).   |                      |   |  |
|   |       | Immunoglobulin 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.   |                      |   |  |
|   |       | Western Blot  | 1:2                  | ,000 - 1:10,000                                       |  |
|   |       | Immunoprecipit  | tation 2 -           | 5 µg/mg lysate  |  |
|   |       | Immunohistoch   |                      | 00 – 1:500. Epitope retrie<br>ommended for FFPE tissu | val with citrate buffer pH 6.0 is<br>e sections. |
| APPLICATION NOTES   |       | Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020),<br>Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE<br>(link to IP-western blot protocol in Additional Info section below). |                      |   |  |
| IHC HUMAN CONTROLS  |       | Western blot of lysates performed using standard western blot reagents and 4–8% SDS–PAGE.<br>Breast Carcinoma, Ovarian Carcinoma, Stomach Adenocarcinoma  |                      |   |  |
| ADDITIONAL INFO   |       | https://www.bethyl.com/product/A302-119A<br>Use the link above to view SDS, a current list of citations, and other product specific information.<br>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB                           |                      |   |  |

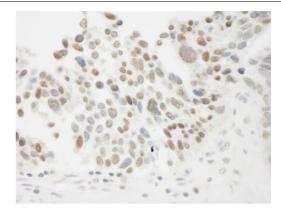
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human and mouse THOC5 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50  $\mu$ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50  $\mu$ g) and mouse NIH 3T3 (M; 50 $\mu$ g) cells. Antibodies: Affinity purified rabbit anti–THOC5 antibody A302–119A used for WB at 0.04  $\mu$ g/ml (A) and 0.4  $\mu$ g/ml (B) and used for IP at 3  $\mu$ g/mg lysate. THOC5 was also immunoprecipitated by rabbit anti–THOC5 antibody A302–120A, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



**Detection of human THOC5 by immunohistochemistry.** *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- THOC5 (Cat. No. A302-119A Lot1) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB