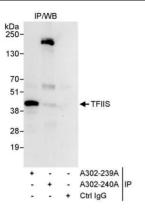
| TFIIS Antibody            |                       |   |                |   |                            |
|---------------------------|-----------------------|---|----------------|---|----------------------------|
| Rabbit Polyclonal         |                       |   |                |   |                            |
| Antigen Affinity Purified |                       | ed  | Protein ID     | NP_006747.1   |                            |
| Catalog No.               | Catalog No. A302–239A |   | GenelD         | 6917  | RETHVI                     |
| Lot No.                   | A302-2                | 239A-1  |                |   | LABORATORIES, INC          |
| APPLICATIONS              |                       | IP, IHC   |                |   |                            |
| SPECIES REACTIVITY        |                       | Human   |                |   |                            |
| 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<br>PROCEDURES  |                       | Antibody was affinity purified using an epitope specific to TFIIS immobilized on solid support.   |                |   |                            |
| ROCEDURES                 |                       | The epitope recognized by A302–239A maps to a region between residue 1 and 50 of human transcription elongation factor S–II (transcription elongation factor A (SII), 1) using the numbering given in entry NP_006747.1 (GeneID 6917).  |                |   |                            |
|                           |                       | 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  | No             | t recommended. Use rabbit anti-                                     | -TFIIS antibody A302-240A. |
|                           |                       | Immunoprecipita   | ation 5 -      | - 10 µg/mg lysate   |                            |
|                           |                       | Immunohistoche  |                | ,000 – 1:5,000. Epitope retrieva<br>commended for FFPE tissue secti |                            |
| APPLICATION N             | Goat anti-Rabbit      | ern blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020),<br>anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–20% SDS-PAGE<br>to IP-western blot protocol in Additional Info section below). |                |   |                            |
| IHC HUMAN CONTROLS        |                       | Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma   |                |   |                            |
| ADDITIONAL INFO           |                       | https://www.bethyl.com/product/A302–239A  |                |   |                            |
|                           |                       | 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   |                |   |                            |
|                           |                       | ir-western blot p   | protocol: http | os://www.bethyi.com/content/pi                                      | OTOCOT_IL-MR               |

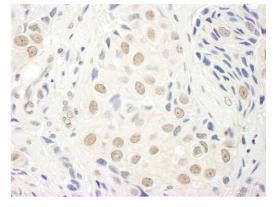
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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## Detection of human TFIIS by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti–TFIIS antibody A302–239A used for IP at 10  $\mu$ g/mg lysate. TFIIS was unsuccessfully immunoprecipitated by rabbit anti–TFIIS antibody A302–240A, which recognizes a downstream epitope. For blotting immunoprecipitated TFIIS, A302–240A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



**Detection of human TFIIS by immunohistochemistry.** *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti- TFIIS (Cat. No. A302-239A Lot1) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB