

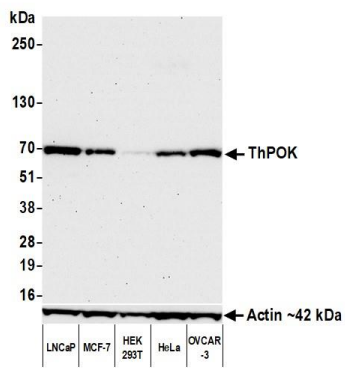
ThPOK Recombinant Monoclonal Antibody [BLR191J]

Rabbit Recombinant Monoclonal

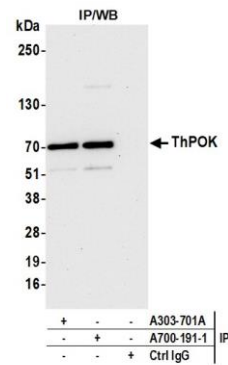
Purified Protein ID NP_001243384.1
Catalog No. A700-191 GeneID 51043
Lot No. A700-191-1

| | |
|------------------------------|---|
| APPLICATIONS | WB, IP, IHC, ICC |
| SPECIES REACTIVITY | Human, Mouse |
| AMOUNT | 100 µl (50+ tests) |
| CONCENTRATION | 250 µg/ml |
| STORAGE/SHELF LIFE | 2 - 8° C / 1 year from date of receipt |
| PHYSICAL STATE | Liquid |
| BUFFER | Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide |
| ISOTYPE | IgG |
| CLONE # | BLR191J |
| ORIGIN | USA |
| PRODUCTION PROCEDURES | Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 250 and 300 of human ThPOK (aka Zinc finger and BTB domain-containing protein 7B) using the numbering given in entry NP_001243384.1 (Gene ID 51043). |
| 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 Immunoprecipitation 20 µl/1 mg lysate Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections. |
| IHC HUMAN CONTROLS | Breast Carcinoma, Prostate Carcinoma, LNCap cells, OVCAR-3 Cells |
| IHC MOUSE CONTROLS | Gut, RenCa Cells |
| ADDITIONAL INFO | https://www.bethyl.com/product/A700-191 Use the link above to view SDS, a current list of citations, and other product specific information. |

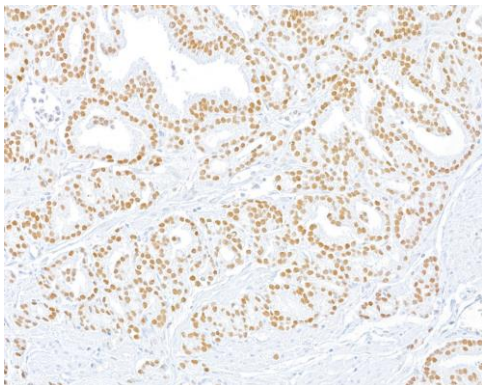
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: September 30, 2021



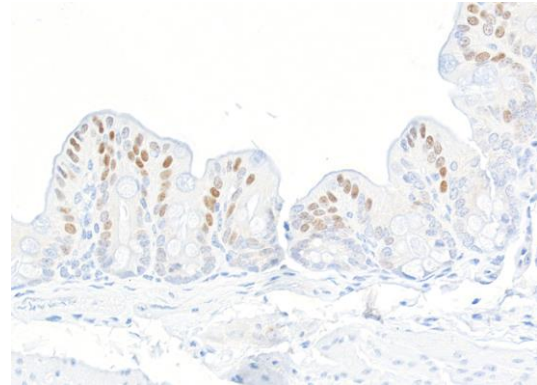
Detection of human ThPOK by western blot. *Samples:* Whole cell lysate (50 μ g) from LNCaP, MCF-7, HEK293T, HeLa, and OVCAR-3 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-ThPOK recombinant monoclonal antibody [BLR191J] (A700-191 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



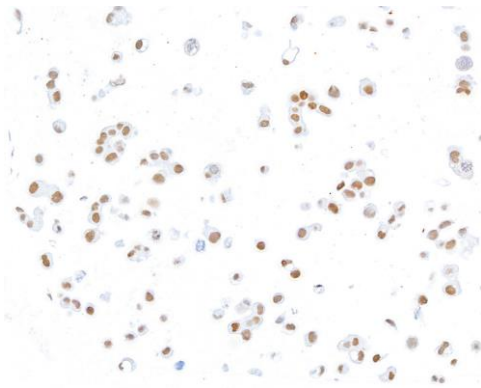
Detection of human ThPOK by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from LNCaP cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-ThPOK recombinant monoclonal antibody [BLR191J] (A700-191 lot 1) used for IP at 20 μ l/mg lysate. ThPOK was also immunoprecipitated by a second antibody against a different epitope of ThPOK (A303-701A). For blotting immunoprecipitated ThPOK, A700-191 was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.



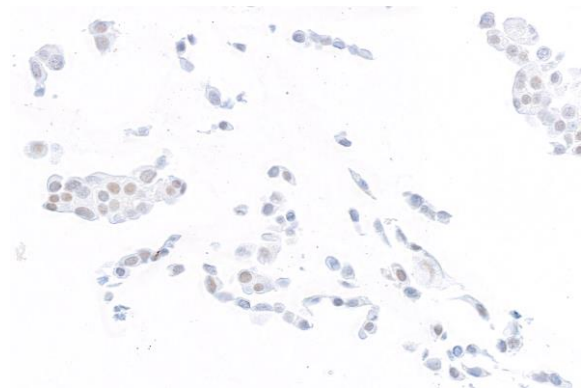
Detection of human ThPOK by immunohistochemistry. *Sample:* FFPE section of prostate carcinoma. *Antibody:* Rabbit anti-ThPOK recombinant monoclonal antibody [BLR191J] (A700-191 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse ThPOK by immunohistochemistry. *Sample:* FFPE section of mouse gut. *Antibody:* Rabbit anti-ThPOK recombinant monoclonal antibody [BLR191J] (A700-191 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human ThPOK by immunocytochemistry.
Sample: FFPE section of Ovar-3 cells. *Antibody:* Rabbit anti-ThPOK recombinant monoclonal antibody [BLR191] (A700-191 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse ThPOK by immunocytochemistry.
Sample: FFPE section of RenCa cells. *Antibody:* Rabbit anti-ThPOK recombinant monoclonal antibody [BLR191] (A700-191). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).