

PML Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_150241.2

Catalog No. A301-168A

GeneID 5371

Lot No. A301-168A-1



APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
AMOUNT	100 µl
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 PROCEDURES	Antibody was affinity purified using an epitope specific to PML immobilized on solid support.

The epitope recognized by A301-168A maps to a region between residue 575 and 625 of promyelocytic leukemia using the numbering given in entry NP_150241.2 (GeneID 5371).

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

Immunoprecipitation 2 - 5 µg/mg lysate

Immunohistochemistry 1:200 - 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

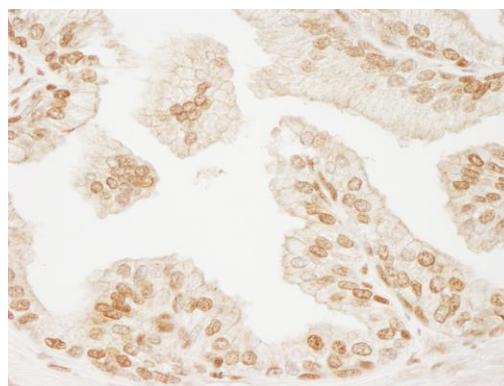
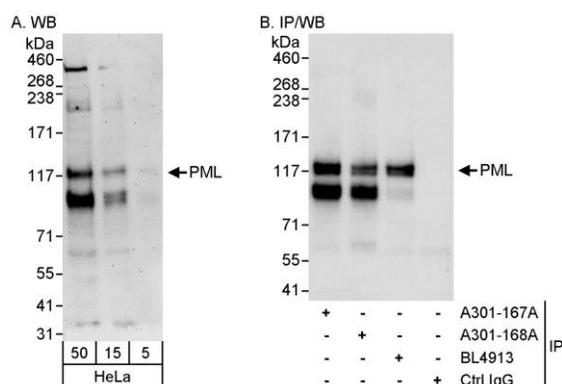
IHC HUMAN CONTROLS Bladder Cell Carcinoma, Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A301-168A>

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

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



Detection of human PML by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-PML antibody A301-168A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. PML was also immunoprecipitated by rabbit anti-PML antibodies A301-167A and BL4913, which recognize other epitopes. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

Detection of human PML by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-PML (Cat. No. A301-168A Lot1) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB