

# PML Antibody

Rabbit Polyclonal

Antigen Affinity Purified

RefSeq ID NP\_150241.2

Catalog No. A301-167A

Uniprot ID P29590

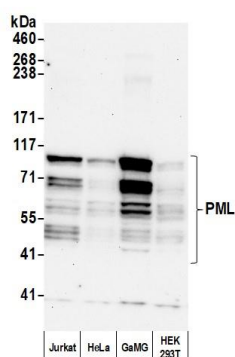
Lot No. 4

GeneID 5371

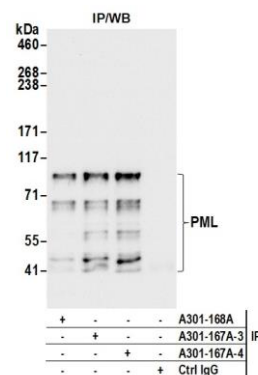
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<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	200 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris–buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to PML immobilized on solid support.  The epitope recognized by A301-167A maps to a region between residue 375 and 425 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.
<b>APPLICATIONS</b>	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 – 10 µg/mg lysate  Immunohistochemistry 1:500 to 1:2,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
<b>IHC HUMAN CONTROLS</b>	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma
<b>ADDITIONAL INFO</b>	<a href="https://www.fortislife.com/p/A301-167A">https://www.fortislife.com/p/A301-167A</a> Use the link above to view SDS, a current list of citations, and other product specific information.

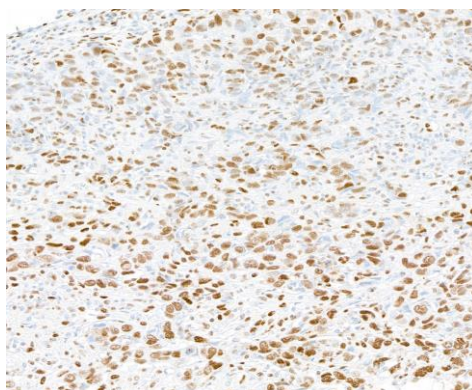
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: March 21, 2023



**Detection of human PML by western blot.** *Samples:* Whole cell lysate (50 µg) from Jurkat, HeLa, GaMG, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PML antibody A301-167A (A301-167A lot 4) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human PML by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-PML antibody (A301-167A lot 4) used for IP at 6 µg per reaction. PML was also immunoprecipitated by a previous lot of this antibody (A301-167A lot 3) and a second antibody against a different epitope of PML (A301-168A). For blotting immunoprecipitated PML, A301-167A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



**Detection of human PML by immunohistochemistry.**

*Sample:* FFPE section of human breast carcinoma.

*Antibody:* Affinity purified rabbit anti-PML (Cat. No. A301-167A Lot4) used at a dilution of 1:1,000 (0.2µg/ml).

*Detection:* DAB