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Datasheet for ABIN7269565

## anti-PML antibody

### 1 Image

#### Overview

Quantity:	100 µL
Target:	PML
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PML antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Purpose:	PML Rabbit mAb
Immunogen:	A synthesized peptide derived from human PML.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

#### Target Details

Target:	PML
Alternative Name:	PML ( <a href="#">PML Products</a> )
Background:	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM

## Target Details

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motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This phosphoprotein localizes to nuclear bodies where it functions as a transcription factor and tumor suppressor. Its expression is cell-cycle related and it regulates the p53 response to oncogenic signals. The gene is often involved in the translocation with the retinoic acid receptor alpha gene associated with acute promyelocytic leukemia (APL). Extensive alternative splicing of this gene results in several variations of the protein's central and C-terminal regions; all variants encode the same N-terminus. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],MYL;PP8675;RNF71;TRIM19;PML,Angiogenesis,Apoptosis,Cancer,Cardiovascular,Cell Biology & Developmental Biology,Endocrine & Metabolism,Epigenetics & Nuclear Signaling,Transcription Factors,Ubiquitin,Ubiquitin\_Ubiquitin-Proteasome Signaling Pathway,PML

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Molecular Weight: 48-120kDa

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Gene ID: 5371

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UniProt: [P29590](#)

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Pathways: [p53 Signaling](#), [Retinoic Acid Receptor Signaling Pathway](#), [Maintenance of Protein Location](#), [Positive Regulation of Endopeptidase Activity](#), [Protein targeting to Nucleus](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

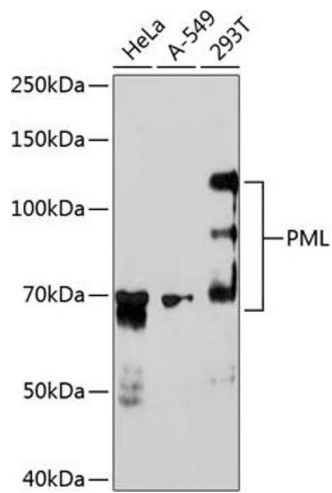
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using PML antibody (ABIN7269565) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3 min.