

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

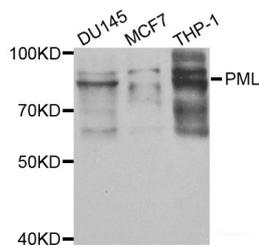
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant protein of human PML
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

## Applications Recommended Dilution

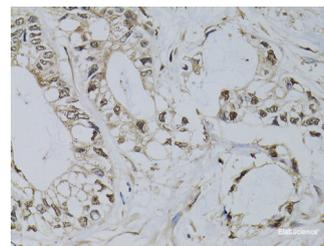
**WB 1:500 - 1:2000**  
**IHC 1:50 - 1:200 IF**  
**1:50 - 1:200**

## Data

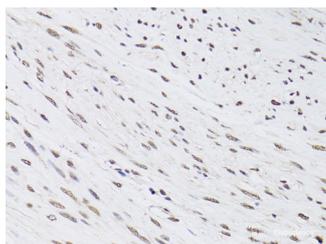


Western blot analysis of extracts of various cell lines with PML Polyclonal Antibody

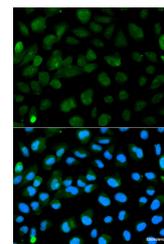
**Observed Mw:98kDa**  
**Calculated Mw:47-48kDa/62-97kDa**



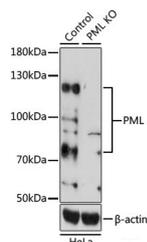
Immunohistochemistry of paraffin-embedded human gastric cancer with PML Polyclonal Antibody



Immunohistochemistry of paraffin-embedded human uterine cancer with PML Polyclonal Antibody



Immunofluorescence analysis of HeLa cells with PML Polyclonal Antibody



Western blot analysis of extracts from normal

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(control) and PML knockout (KO) HeLa cells, using PML Polyclonal Antibody at dilution of 1:1000.

## Preparation & Storage

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

## Background

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM 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.

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