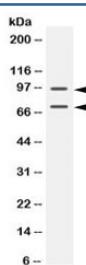


## PML Antibody / Promyelocytic leukemia protein (R32553)

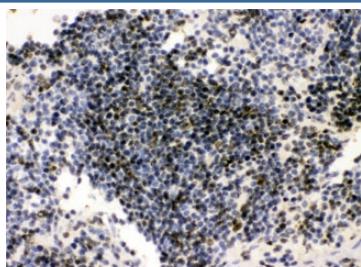
Catalog No.	Formulation	Size
R32553	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	Q60953
<b>Localization</b>	Nuclear, cytoplasmic (isoform dependent)
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml
<b>Limitations</b>	This PML antibody is available for research use only.



Western blot testing of mouse testis lysate with PML antibody at 0.5ug/ml. Expected molecular weight: multiple isoforms from 47-97 kDa.



IHC testing of FFPE mouse spleen with PML antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.

## Description

Promyelocytic leukemia protein functions via its association with PML-nuclear bodies (PML-NBs) in a wide range of important cellular processes, including tumor suppression, transcriptional regulation, apoptosis, senescence, DNA damage response, and viral defense mechanisms.

## Application Notes

Optimal dilution of the PML antibody should be determined by the researcher.

## Immunogen

Amino acids 140-177 (LADFWCFECEQLICSKCFAHQWYLNHEARPLADLRDN) from the mouse protein were used as the immunogen for the PML antibody.

## Storage

After reconstitution, the PML antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.