Product Datasheet

PML Protein Antibody (PSH02-89)
NBP3-32832

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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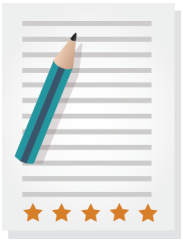
Updated 8/7/2025 v.20.1



NBP3-32832

PML Protein Antibody (PSH02-89)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH02-89
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	98 kDa

Product Description

Host	Rabbit
Gene ID	5371
Gene Symbol	PML
Species	Human
Immunogen	Recombinant protein within human PML Protein aa 1-600 / 882. (Uniprot: P29590)

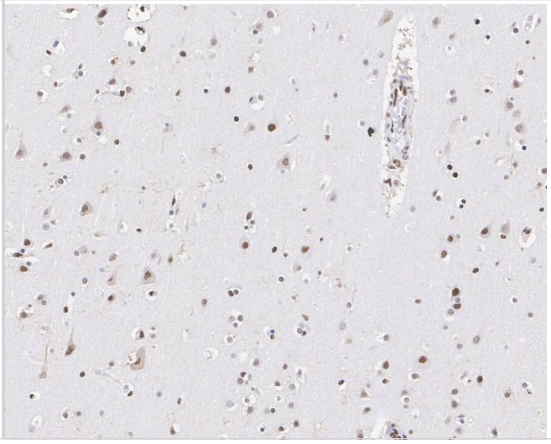
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:1000

Images

Immunohistochemistry: PML Protein Antibody (PSH02-89) [NBP3-32832] - Immunohistochemical analysis of paraffin-embedded human brain tissue with Rabbit anti-PML Protein antibody (NBP3-32832) at 1/1,000 dilution.

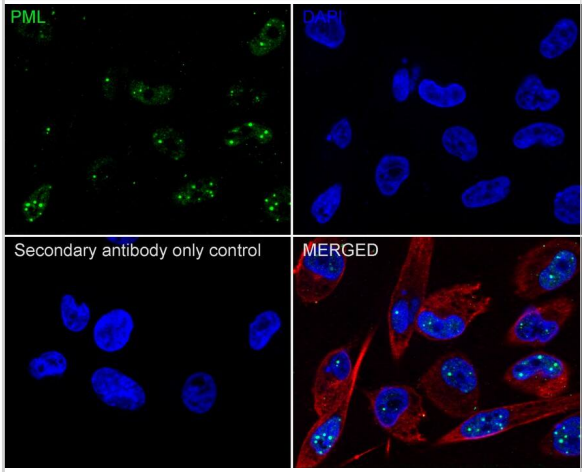
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (NBP3-32832) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunocytochemistry/ Immunofluorescence: PML Protein Antibody (PSH02-89) [NBP3-32832] - Immunocytochemistry analysis of MDA-MB-231 cells labeling PML Protein with Rabbit anti-PML Protein antibody (NBP3-32832) at 1/100 dilution.

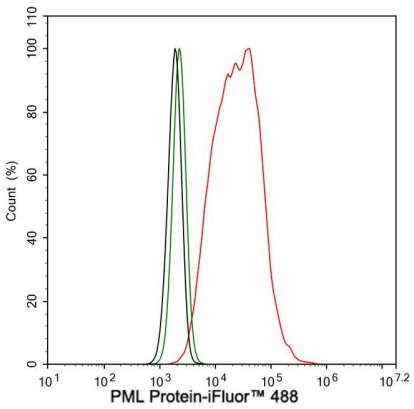
Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-PML Protein antibody (NBP3-32832) at 1/100 dilution in 1% BSA in PBST overnight at 4 □. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4□. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.



Flow Cytometry: PML Protein Antibody (PSH02-89) [NBP3-32832] - Flow cytometric analysis of A431 cells labeling PML Protein.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32832, 1µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4□ for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4□. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



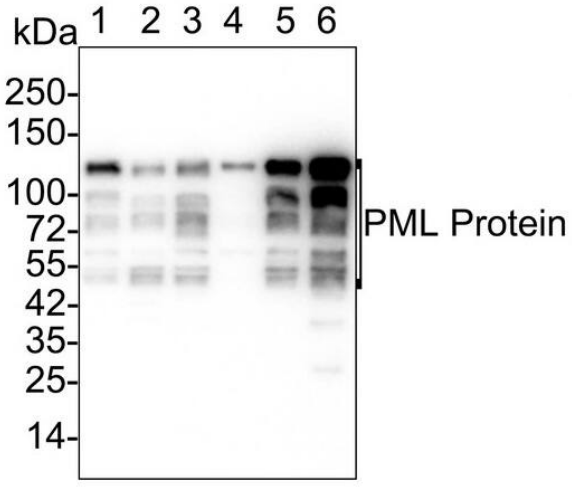
Western Blot: PML Protein Antibody (PSH02-89) [NBP3-32832] - Western blot analysis of PML Protein on different lysates with Rabbit anti-PML Protein antibody (NBP3-32832) at 1/2,000 dilution.
Lane 1: HeLa cell lysate (15 µg/Lane)
Lane 2: HEK-293 cell lysate (15 µg/Lane)
Lane 3: K-562 cell lysate (15 µg/Lane)
Lane 4: A549 cell lysate (15 µg/Lane)
Lane 5: MDA-MB-231 cell lysate (15 µg/Lane)
Lane 6: A431 cell lysate (15 µg/Lane)

Predicted band size: 98 kDa
Observed band size: 50-130 kDa

Exposure time: 1 minute 59 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/2,000 dilution was used in 5% NFDM/TBST at 4□ overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



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Products Related to NBP3-32832

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-59787PEP	PML Protein Antibody Blocking Peptide

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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