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Datasheet for ABIN2777721
anti-PML antibody (C-Term)

5 Images

Overview

Quantity:	100 µL
Target:	PML
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Guinea Pig, Pig, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PML antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PML
Sequence:	EGPSTLRVLD ENLADPQAED RPLVFFDLKI DNETQKISQL AAVNRESKFR
Specificity:	Isoform 1, 9, 10 and 11 specific
Predicted Reactivity:	Cow: 100%, Dog: 92%, Guinea Pig: 85%, Horse: 85%, Human: 100%, Mouse: 100%, Pig: 92%, Rabbit: 92%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PML. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PML
Alternative Name:	PML (PML Products)
Background:	<p>PML 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. PML 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.</p> <p>Alias Symbols: MYL, PP8675, RNF71, TRIM19</p> <p>Protein Interaction Partner: RPL11, RPL5, SUMO1, UBC, TP53, SUMO2, SUMO3, MDM2, RNF4, EGFR, NCOA2, SP100, DAXX, MAPK7, HDAC1, ATXN1, ATRX, ASF1A, EHMT2, HIRA, HTT, H3F3A, ATF7IP, PML, JAK1, EIF4E, GLIS2, UBE2I, smt3, HDAC11, HDAC6, LMNA, RNF111, CDK6, CDK2, CDK1, CASP8AP2, RBX1, SH3G</p> <p>Protein Size: 540</p>
Molecular Weight:	59 kDa
Gene ID:	5371
UniProt:	P29590 , A4VCI9
Pathways:	p53 Signaling , Retinoic Acid Receptor Signaling Pathway , Maintenance of Protein Location , Positive Regulation of Endopeptidase Activity , Protein targeting to Nucleus

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 540 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

sucrose.

Preservative: Sodium azide

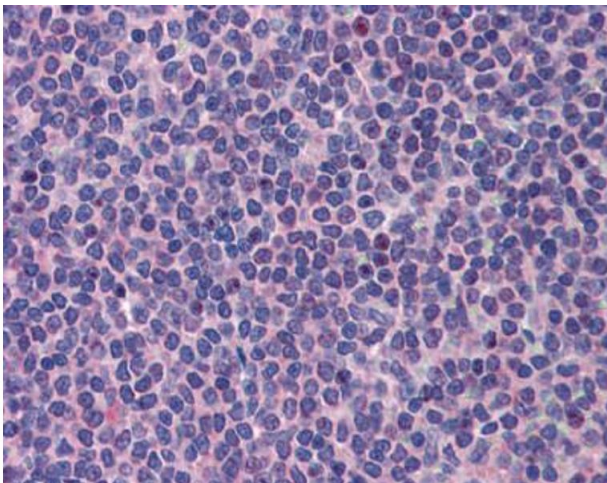
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

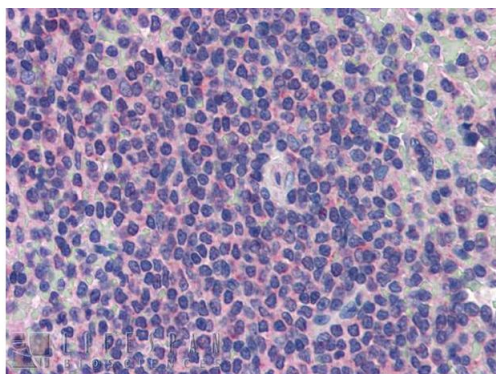
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1.

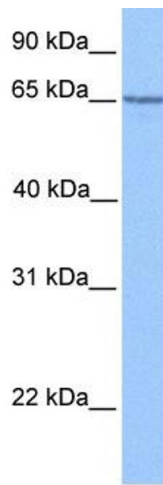


Immunohistochemistry

Image 2.

Rabbit Anti-PML Antibody
Catalog Number: ARP33048
Lot Number: QC2429
Paraffin Embedded Tissue: Human Spleen
Antibody Concentration: 5.0 µg/ml

Data courtesy of Lifespan Biosciences, Inc.



Western Blotting

Image 3. WB Suggested Anti-PML Antibody Titration: 1 ug/ml Positive Control: Hela cell lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2777721.