

Rabbit anti-Human PML Sumoylation Site Polyclonal Antibody | anti-PML antibody

PML Sumoylation Site Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288339	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PML Sumoylation Site; Polyclonal Antibody; PML Sumoylation Site Antibody; Protein PML; Promyelocytic leukemia protein; RING finger protein 71; Tripartite motif-containing protein 19; PML; MYL; PP8675; RNF71; TRIM19; anti-PML antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PML Sumoylation Site antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 470-499 amino acids from human PML Sumoylation Site.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	470-499
Sequence Length	633
Applicable Applications for anti-PML antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

PML Sumoylation Site Antibody flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)

Confocal immunofluorescent analysis of PML Sumoylation Site Antibody with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).

**IHC (Immunohistochemistry)**

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

**WB (Western Blot)**

Western blot analysis of anti-PML Sumoylation Site Antibody in Hela cell line lysates (35ug/lane). PML (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PML antibody	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. 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).
Product Categories/Family for anti-PML antibody	Cancer ; Metabolism ; Signal Transduction
References	Puccetti, E., et al., Oncogene 22(44):6900-6908 (2003). Favre, M., et al., J. Acquir. Immune Defic. Syndr. 34(2):127-133 (2003). Kawai, T., et al., Mol. Cell. Biol. 23(17):6174-6186 (2003). Louria-Hayon, I., et al., J. Biol. Chem. 278(35):33134-33141 (2003). Moller, A., et al., Cancer Res. 63(15):4310-4314 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505903
NCBI GeneID	5371
NCBI Accession #	NP_002666.1 ; NP_150241.2 ; NP_150242.1 ; NP_150243.2 ; NP_150247.2 ; NP_150249.1 ; NP_150250.2 ; NP_150252.1 ; NP_150253.2
NCBI GenBank Nucleotide #	NM_002675.3
UniProt Accession #	P29590 ; P29591 ; P29592 ; P29593 ; Q00755 ; Q15959 ; Q59FP9 ; Q8WUA0 ; Q96S41 ; Q9BPW2 ; Q9BWP7 ; E9PBR7
Molecular Weight	97551
NCBI Official Full Name	protein PML isoform 6
NCBI Official Synonym Full Names	promyelocytic leukemia
NCBI Official Symbol	PML
NCBI Official Synonym Symbols	MYL; RNF71; PP8675; TRIM19
NCBI Protein Information	protein PML
UniProt Protein Name	Protein PML
UniProt Gene Name	PML
UniProt Synonym Gene Names	MYL; PP8675; RNF71; TRIM19
UniProt Entry Name	PML_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pml-sumoylation-site-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/288339>