

Mouse promyelocytic leukemia protein Monoclonal Antibody | anti-PML antibody

mAb anti-human promyelocytic leukemia protein (PML)

CATALOG # AAA77899	HOST Mouse	REACTIVITY Human. Others not tested	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

promyelocytic leukemia protein; Monoclonal Antibody; mAb anti-human promyelocytic leukemia protein (PML); Promyelocytic Leukemia (PML) [Ring Finger Domain]; Mouse monoclonal antibody to human promyelocytic leukemia protein (PML) ring finger domain; anti-PML antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not tested
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	B3E9
Specificity	This antibody recognizes normal PML proteins of lower molecular weight, and also recognizes the high molecular weight PML/RARalpha chimeric protein in promyelocytic leukemia patients. Promyelocytic Leukemia (PML) [Ring Finger Domain]
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized in pH 7.4, 0.01M PBS.
Applicable Applications for anti-PML antibody	WB (Western Blot)
Target Protein	Human PML and PML/RARalpha chimera
Immunogen	Recombinant partial human PML containing the ring finger domain
Myeloma	Sp2/0-Ag14
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
Research Area	Life science research, Oncology
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data

Western blot analysis of K562 cell lysate using 0.5mg/mL mouse anti-PML mAb clone B3E9.
The band shows on the blot is the 106KDa chimeric PML/RARa protein.

ADDITIONAL INFORMATION

Related Product Information for anti-PML antibody	Acute promyelocytic leukemia (PML) is a type of acute myelogenous leukemia that is caused by the translocation of the retinoic acid receptor alpha (RAR?) gene at chromosome 17 to the promyelocytic leukemia (PML) gene at chromosome 15. The chimeric protein (PML/RAR?) has a higher molecular weight than normal PML protein. The altered proteins block DNA transcription and differentiation of granulocytes, reduce the production of red cells and platelets, consequently, resulting in anemia and thrombocytopenia.
Product Categories/Family for anti-PML antibody	Primary Antibodies; Monoclonal Antibodies to Human Tumor Markers

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/monoclonal/promyelocytic-leukemia-protein-antibody-clone-b3e9-western-blot-elisa/77899>