

## Monoclonal Antibody to PML - Supernatant

<b>Alternate names:</b>	PML Protein
<b>Catalog No.:</b>	DM402-05
<b>Quantity:</b>	0.5 ml
<b>Background:</b>	PML is frequently overexpressed in Hodgkin's and Reed-Sternberg cells of Hodgkin's disease. It is also overexpressed in carcinomas of larynx and thyroid (papillary), epithelial thymomas and Kaposi's sarcoma. Acute promyelocytic leukemia, which is characterized by fusion of promyelocytic leukemia (PML) and Retinoic Acid Receptor alpha genes by a reciprocal 15:17 chromosomal translocation. The fusion protein thus produced blocks the terminal differentiation of hematopoietic cells and apoptosis.
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	PG-M3
<b>Immunogen:</b>	BALB/C mice were immunized with a synthetic peptide corresponding to amino acids 37 to 51 of PML protein.
<b>Format:</b>	<b>State:</b> Liquid tissue culture supernatant <b>Buffer System:</b> 10 mM citrate buffer, pH 6.0 - containing sodium azide as preservative.
<b>Applications:</b>	Immunohistochemistry on frozen and paraffin embedded sections: diluted of 1:10 to 1:50 in an ABC method (30 min at room temperature) Recommended Positive control: Hodgkin's lymphoma. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts with a peptide located in the aminoterminal region of the human PML protein. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Borrow et al. Science 249: 1577, 1990. 2. Dyck et al. Blood 82: 862, 1994. 3. Grignani et al. Cell 74: 423, 1993.