



Mouse Anti-Human PML (aa 411-510) monoclonal antibody (CABT-L952)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	PML
Immunogen	PML (AAH00080, 411 a.a. ~ 510 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. Sequence: RDPIDVLDVSNTTAAQKRKCSQTQCPRKVIKMESEEGKEARLARSSPEQPRPSTSKAVS PPHLDGPPSPRSPVIGSEVFLPNSNHVASGAGEAEERVVV
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Human, Rat
Conjugate	Unconjugated
Applications	WB, IF ,ELISA
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM
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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). 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. Alternatively spliced transcript variants encoding different isoforms have been identified.

Keywords	PML;promyelocytic leukemia;MYL;RNF71;PP8675;TRIM19;protein PML;RING finger protein 71;promyelocytic leukemia protein;tripartite motif protein TRIM19;probable transcription factor PML;promyelocytic leukemia, inducer of;tripartite motif-containing protein 19
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GENE INFORMATION

Entrez Gene ID	5371
UniProt ID	P29590
