Mouse anti-Human, Rat PML Monoclonal Antibody | anti-PML antibody

PML (Probable Transcription Factor PML, RING Finger Protein 71, Tripartite Motif-containing Protein 19, PML, MYL, RNF71, TRIM19) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25211	**Mouse**	**Human, Rat**	**ELISA, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

PML; Monoclonal Antibody; PML (Probable Transcription Factor PML; RING Finger Protein 71; Tripartite Motif-containing Protein 19; MYL; RNF71; TRIM19) (FITC); anti-PML antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1D12
Specificity	Recognizes human PML. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-PML antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa411-510 from human PML (AAH00080) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	RDPIDVDLDVSNTTTAQKRKCSQTQCPRKVIKMESEEGKEARLARSSPEQPRPSTSKAVSPPHLDGPPSPRSPVIGSEVFLPNSNHVASGAGEAEERVV
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

Application Data
Proximity Ligation Analysis of protein-protein interactions between TP53 and PML HeLa cells were stained with anti-TP53 rabbit purified polyclonal 1:1200 and anti-PML mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Application Data
Detection limit for recombinant GST tagged PML is ~0.3ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to PML on HeLa cell. [antibody concentration 10ug/ml]

WB (Western Blot)
PML monoclonal antibody Western Blot analysis of PML expression in Hela NE.

WB (Western Blot)
PML monoclonal antibody Western Blot analysis of PML expression in PC-12.

WB (Western Blot)
Western Blot detection against Immunogen (36.63kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-PML antibody	Antibodies; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	33875196
NCBI GeneID	5371
Molecular Weight	47,575 Da
NCBI Official Full Name	Homo sapiens promyelocytic leukemia, mRNA
NCBI Official Synonym Full Names	promyelocytic leukemia
NCBI Official Symbol	PML
NCBI Official Synonym Symbols	MYL; RNF71; PP8675; TRIM19
NCBI Protein Information	protein PML; RING finger protein 71; probable transcription factor PML; promyelocytic leukemia protein; promyelocytic leukemia, inducer of; tripartite motif protein TRIM19; tripartite motif-containing protein 19

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/pml-antibody-clone-1d12-immunofluorescence-western-blot-elisa/25211