

For Research Use Only

CoraLite® Plus 647-conjugated PML Recombinant monoclonal antibody

Catalog Number: CL647-85048-5



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL647-85048-5	BC020994	Protein A purification
Size:	GenID (NCBI):	Clone No.:
1000 μl, Concentration: 1000 ug/ml by Nanodrop;	5371	242564C10
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P29590	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	promyelocytic leukemia	wavelengths:
Immunogen Catalog Number:	Calculated MW:	654 nm / 674 nm
AG15377	882 aa, 98 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : HeLa cells,
Species Specificity:	
human	

Background Information

PML, also named as MYL, RNF71 and TRIM19, is a member of RBCC/TRIM family of proteins that possess a RING finger domain, B-box, and coiled-coil domain. It functions as tumor suppressor. PML is required for normal, caspase-dependent apoptosis in response to DNA damage, FAS, TNF, or interferons. It plays a role in transcription regulation, DNA damage response, DNA repair and chromatin organization. PML plays a role in processes regulated by retinoic acid, regulation of cell division, terminal differentiation of myeloid precursor cells and differentiation of neural progenitor cells. It regulates PTEN compartmentalization through the inhibition of USP7-mediated deubiquitylation.

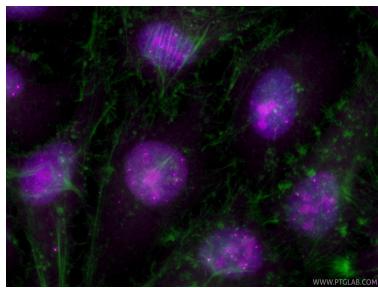
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 647 PML antibody (CL647-85048-5, Clone: 242564C10) at dilution of 1:200, CL488-phalloidin (green).