

For Research Use Only

CoraLite® Plus 647-conjugated PML Recombinant monoclonal antibody

Catalog Number: CL647-85048-5



Basic Information

Catalog Number:	CL647-85048-5	GenBank Accession Number:	BC020994	Purification Method:	Protein A purification
Source:	Rabbit	GenID (NCBI):	5371	CloneNo.:	242564C10
Isotype:	IgG	UNIPROT ID:	P29590	Recommended Dilutions:	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	AG15377	Full Name:	promyelocytic leukemia	Excitation/Emission maxima wavelengths:	654 nm / 674 nm
		Calculated MW:	882 aa, 98 kDa		

Applications

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

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:

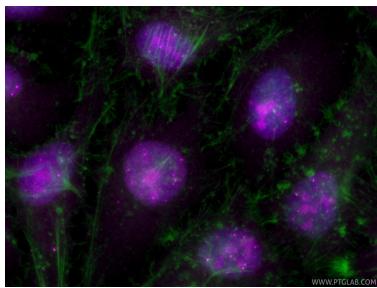
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).