

For Research Use Only

# CoraLite® Plus 488-conjugated PML Recombinant monoclonal antibody

Catalog Number: CL488-85048-5



## Basic Information

Catalog Number:

CL488-85048-5

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15377

GenBank Accession Number:

BC020994

GeneID (NCBI):

5371

UNIPROT ID:

P29590

Full Name:

promyelocytic leukemia

Calculated MW:

882 aa, 98 kDa

Purification Method:

Protein A purification

CloneNo.:

242564C10

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

## 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 deubiquitinylation.

## 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: 4006900926

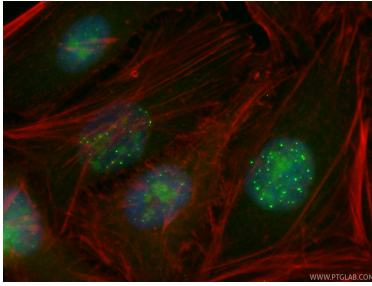
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 PML antibody (CL488-85048-5, Clone: 242564C10) at dilution of 1:200, CL594-phalloidin (red).