

For Research Use Only

CoraLite® Plus 488-conjugated Ribosomal protein L4 Monoclonal antibody



Catalog Number: **CL488-67028**

Basic Information

Catalog Number: CL488-67028	GenBank Accession Number: BC009888	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 6124	CloneNo.: 3C7A8
Source: Mouse	UNIPROT ID: P36578	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: ribosomal protein L4	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG28728	Calculated MW: 48 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications:

FC (Intra), IF/ICC

Species Specificity:

Human, Mouse, Rat

Positive Controls:

IF : HepG2 cells,

Background Information

60S ribosomal protein L4 is encoded by RPL4 (or RPL1) gene. RPL4 is a component of 60S subunit of ribosome, and belongs to the L4E family. By interacting with c-Myb, RPL4 plays a important role in c-myc expression in response to growth factor and nutritional signals. Recently RPL4 was reported to be able to increase efficiency of viral recoding sequence.

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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

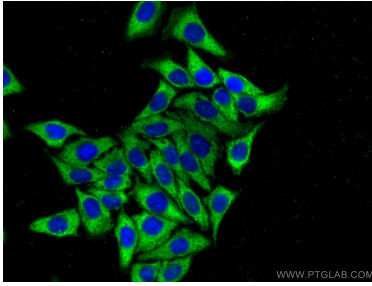
T: 4006900926

E: Proteintech-CN@ptglab.com

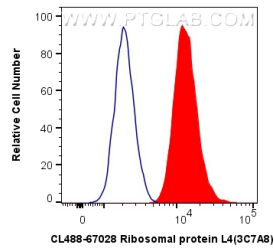
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 Ribosomal protein L4 antibody (CL488-67028, Clone: 3C7A8) at dilution of 1:200.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Ribosomal protein L4 (CL488-67028, Clone:3C7A8) (red), or 0.4 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (MOPC-21) (CL488-65124, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).