CoraLite® Plus 488-conjugated Ribosomal protein L4 Monoclonal antibody

Catalog Number:CL488-67028

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL488-67028

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG28728

GenBank Accession Number:
BC009888

GeneID (NCBI):
6124

UNIPROT ID:
P36578

Full Name:
ribosomal protein L4

Calculated MW:
48 kDa

Observed MW:
48 kDa

Purification Method:
Protein G purification

CloneNo.:
3C7A8

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Species Specificity:
human, mouse, rat

Positive Controls:
IF/ICC : 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 effeiciency of viral recoding sequence.
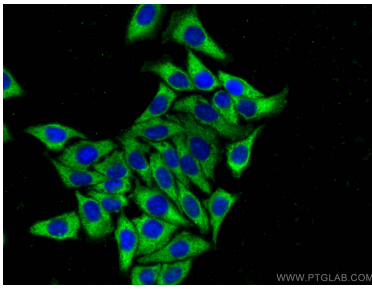
Storage

Storage:
Store at -20℃. 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.
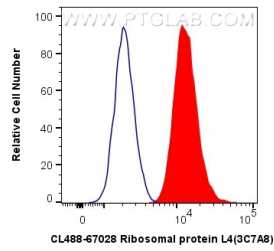Aliquoting is unnecessary for -20°C storage

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

1X10^6 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).