

For Research Use Only

CoraLite®594-conjugated RPL3 Monoclonal antibody



Catalog Number:CL594-66130

Basic Information

Catalog Number: CL594-66130	GenBank Accession Number: BC012786	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 6122	CloneNo.: 2G1B8
Source: Mouse	UNIPROT ID: P39023	Recommended Dilutions: WB 1:500-1:1000 IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: ribosomal protein L3	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG20400	Calculated MW: 46/27 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications: WB, IF/ICC	Positive Controls: WB : HEK-293 cells, HeLa cells, Jurkat cells
Species Specificity: human, mouse, rat	IF/ICC : HepG2 cells,

Background Information

Ribosomes, the complexes that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPL3, also named as TARBP-B and MGC104284, belongs to the ribosomal protein L3P family. This protein is a component of the 60S subunit. It can bind to the HIV-1 TAR mRNA, and it has been suggested that the protein contributes to tat-mediated transactivation. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

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:

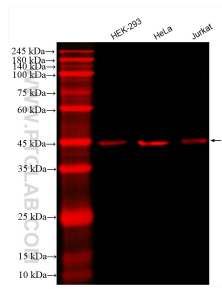
T: 4006900926

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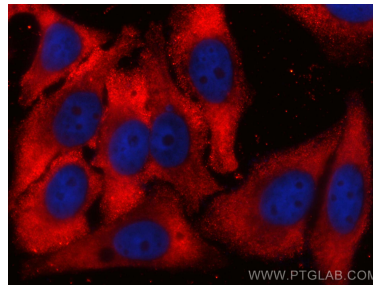
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL594-66130 (RPL3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite®594 RPL3 antibody (CL594-66130, Clone: 2G1B8) at dilution of 1:200.