

For Research Use Only

CoraLite® Plus 488-conjugated RPL13 Recombinant monoclonal antibody

Catalog Number: CL488-86205-2



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86205-2	BC014167	Protein A purification
Source:	GenelD (NCBI):	CloneNo.:
Rabbit	6137	250752D2
Isotype:	UNIPROT ID:	Recommended Dilutions:
IgG	P26373	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	Full Name:	Excitation/Emission maxima
AG1814	ribosomal protein L13	wavelengths:
	Calculated MW:	493 nm / 522 nm
	24 kDa	
	Observed MW:	
	24 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC: HepG2 cells,
Species Specificity:	
human, mouse, monkey	

Background Information

The mammalian ribosome comprises 79 ribosomal proteins and four rRNAs, which combine in equimolar ratios to form the small (40S) and large (60S) subunits. Ribosome proteins are a direct and critical target of the PI3K pathway in promoting growth.[PMID:15289434]. RPL13 may be a plausible candidate tumor suppressor gene, as knocking down L13 expression using small interfering RNA (siRNA) resulted in drastic attenuation of cancer cell growth with significant G1 and G2/M arrest of the cell cycle[PMID:16786168].

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:

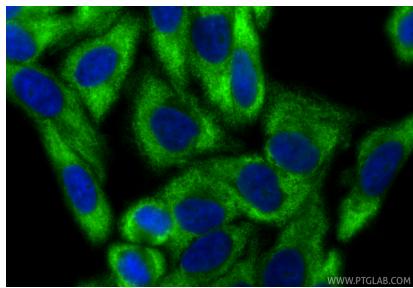
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 RPL13 antibody (CL488-86205-2, Clone: 250752D2) at dilution of 1:200.