

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
Size:	GenelD (NCBI):	CloneNo.:
100ul, Concentration: 1000 ug/ml by Nanodrop;	6137	250752D2
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P26373	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	ribosomal protein L13	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG1814	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].

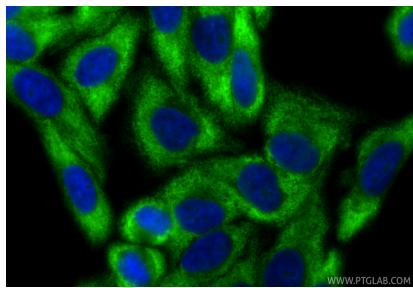
## Storage

**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:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## 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.