

For Research Use Only

CoraLite® Plus 488-conjugated RPL7A Recombinant monoclonal antibody

Catalog Number: CL488-86270-4



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86270-4	BC005128	Protein A purification
Size:	GenelD (NCBI):	CloneNo.:
100ul, Concentration: 1000 ug/ml by Nanodrop;	6130	250886G9
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P62424	IF/ICC: 1:400-1:1600
Isotype:	Full Name:	Excitation/Emission maxima
IgG	ribosomal protein L7a	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG7543	266 aa, 30 kDa	
	Observed MW:	
	32 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC: HeLa cells,
Species Specificity:	
human, mouse, rat	

Background Information

Ribosomal proteins are a major component of ribosomes, which catalyze protein synthesis. RPL7a, which is a component of the 60S large ribosomal subunit, has additional functions involved in cell growth and differentiation that occur via interaction with human thyroid hormone receptor (THR) and retinoic acid receptor (RAR) and in turn inhibit the activities of the two nuclear hormone receptors [PMID:21505254].

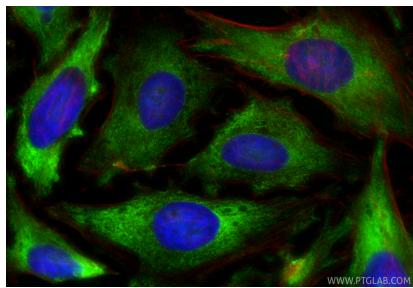
Storage

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

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 HeLa cells using Coralite® Plus 488 RPL7A antibody (CL488-86270-4, Clone: 250886G9) at dilution of 1:800, CL594-Phalloidin (red).