CoraLite® Plus 647-conjugated FBL Monoclonal antibody

Antibodies | ELISA kits | Proteins www.ptglab.com

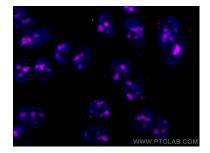
Catalog Number: CL647-66985

Basic Information	Catalog Number: CL647-66985	GenBank Accession Number: BC019260	Purification Method: Protein G purification
	Size: 1000 µg/ml	GenelD (NCBI): 2091	CloneNo.: 3A9E8
	Source: Mouse	UNIPROT ID: P22087	Recommended Dilutions: IF 1:50-1:500
	Isotype: IgG1 Immunogen Catalog Number: AG8841	Full Name: fibrillarin Calculated MW: 321 aa, 34 kDa	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
		Applications	
IF : HepG	2 cells,		
Background Information	Fibrillarin (Fbl) is an essential nucleolar protein that plays an essential role in ribosome biogenesis and more particularly in the methylation of ribosomal RNAs and rDNA histones. FBL is highly expressed in various cancers and correlates with poor survival outcomes in cancer patients, such as hepatocellular carcinoma(PMID: 33376525). Knockdown of FBL sensitizes tumor cells and xenografts to DNA crosslinking agents, and leads to homologous recombination-mediated DNA repair defects(PMID: 37489617).		
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		

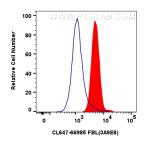
For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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 (4% PFA) fixed HepG2 cells using Coralite® Plus 647 FBL antibody (CL647-66985, Clone: 3A9E8) at dilution of 1:200.



1x10^6 HepG2 cells were intracellularly stained with 0.8 ug CoraLite® Plus 647 Anti-Human FBL (CL647-66985, Clone:3A9E8)(red), or 0.8 ug CoraLite® Plus 647 Mouse IgG1 Isotype Control (MOPC-21) (CL647-65124, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).