

For Research Use Only

Fibrillarin Recombinant monoclonal antibody

Catalog Number: 87432-2-RR



Basic Information

Catalog Number: 87432-2-RR	GenBank Accession Number: BC019260	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2091	CloneNo.: 252802F8
Source: Rabbit	UNIPROT ID: P22087	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:500-1:2000
Isotype: IgG	Full Name: fibrillarin	
Immunogen Catalog Number: AG8841	Calculated MW: 321 aa, 34 kDa	
	Observed MW: 34 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : A375 cells, HeLa cells, HepG2 cells, Jurkat cells, MOLT-4 cells, NIH/3T3 cells
	IF/ICC : HepG2 cells, NIH/3T3 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

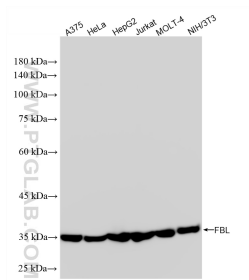
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

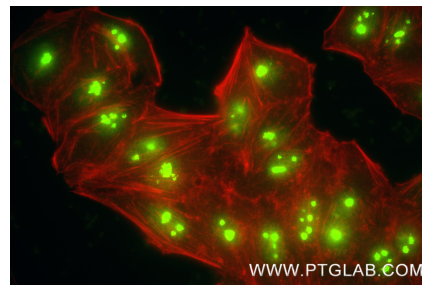
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87432-2-RR (FBL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Fibrillarin antibody (87432-2-RR, Clone: 252802F8) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).