

For Research Use Only

Fibrillarin Recombinant monoclonal antibody, PBS Only

Catalog Number: 87432-2-PBS



Basic Information

Catalog Number: 87432-2-PBS	GenBank Accession Number: BC019260	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 2091	CloneNo.: 252802F8
Isotype: IgG	UNIPROT ID: P22087	
Immunogen Catalog Number: AG8841	Full Name: fibrillarin	
	Calculated MW: 321 aa, 34 kDa	
	Observed MW: 34 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

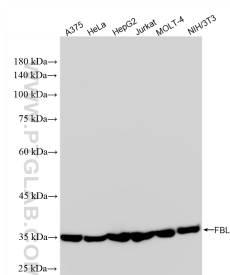
T: 4006900926

E: Proteintech-CN@ptglab.com

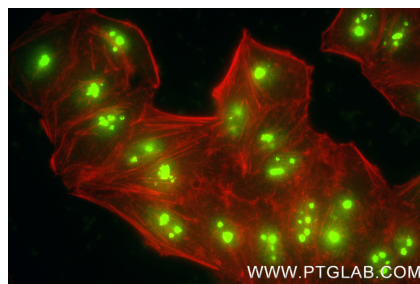
W: ptgcn.com

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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. This data was developed using the same antibody clone with 87432-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 87432-2-PBS in a different storage buffer formulation.