

Fibrillarin Monoclonal Antibody (38F3)

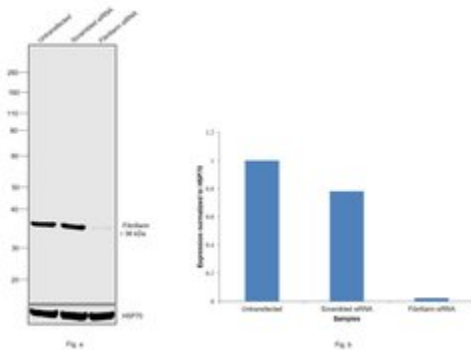
Product Details	
Size	100 µL
Species Reactivity	Fruit fly, Human, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	38F3
Conjugate	Unconjugated
Immunogen	Yeast nuclear preparations.
Form	Liquid
Purification	IgG fraction
Contains	10mM sodium azide
Storage Conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C
RRID	AB_2532241

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:250 - 1:500	-
Immunofluorescence (IF)	1:250 - 1:500	-
Western Blot (WB)	1:1,000	-

Advanced Verification Data

Fibrillarin Antibody (480009)

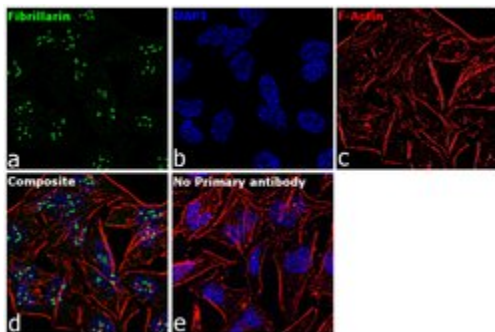
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with Fibrillarin siRNA and decrease in signal intensity was observed in western blot application using Fibrillarin Monoclonal Antibody (38F3) (Product # 48-0009).. Knockdown validation info.



Product Images For Fibrillarin Monoclonal Antibody (38F3)

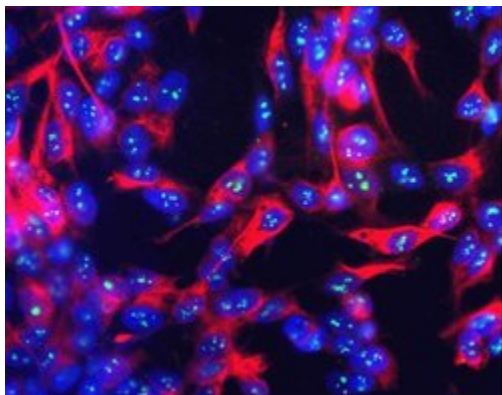
Fibrillarin Antibody (480009) in IF

Immunofluorescence analysis of Fibrillarin was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with Fibrillarin Mouse Monoclonal Antibody (38F3) (Product # 480009) at 1:250 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nucleolar localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



Fibrillarin Antibody (480009) in IF

Human SH-SY5Y cells stained with mouse-anti-fibrillarin, showing prominent specular nucleolar staining. The nuclei are counter stained with blue DAPI DNA stain, so these spots appear very pale blue.



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