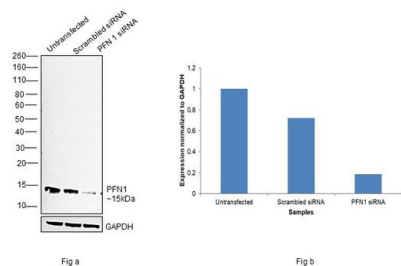


Profilin 1 Monoclonal Antibody (OTI2D2)

Product Details	
Size	100 µL
Species Reactivity	Dog, Human, Non-human primate, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OTI2D2
Conjugate	Unconjugated
Immunogen	Full length human recombinant protein of PFN1 produced in HEK293T cell
Form	Liquid
Concentration	0.58 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2725112

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50	-
Immunocytochemistry (ICC/IF)	1:100	-
Flow Cytometry (Flow)	1:100	-

Product Images For Profilin 1 Monoclonal Antibody (OTI2D2)

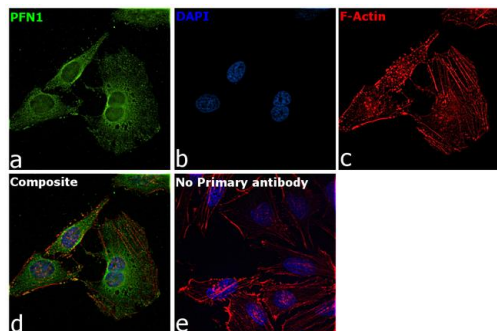


Profilin 1 Antibody (MA5-25120)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with Profilin 1 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-Profilin 1 Monoclonal Antibody (OTI2D2) (Product # MA5-25120). {KD}

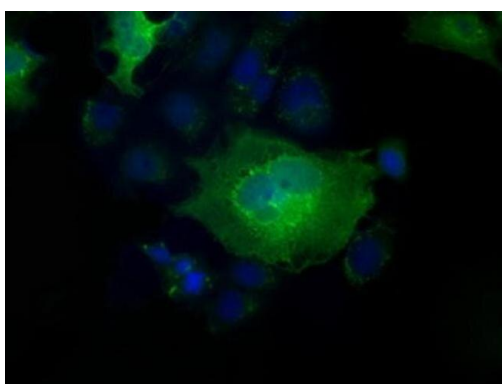
Profilin 1 Antibody (MA5-25120) in ICC/IF

Immunofluorescence analysis of Profilin 1 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 45 minutes at room temperature. The cells were labeled with Profilin 1 Monoclonal Antibody (OTI2D2) (Product # MA5-25120) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175), (1:2000 dilution), 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 dilution). Panel d represents the merged image showing cytoskeleton localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



Profilin 1 Antibody (MA5-25120) in ICC/IF

Immunofluorescent analysis of PFN1 in COS7 cells. Cells were transfected with a plasmid overexpressing PFN1 and probed with a PFN1 monoclonal antibody (Product # MA5-25120).



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