

Profilin 1 Monoclonal Antibody (OTI2D2)

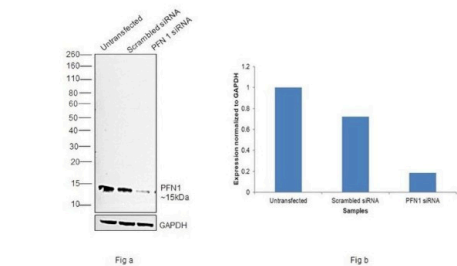
Product Details	
Size	100 µL
Species Reactivity	Dog, Human, Non-human primate, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OTI2D2
Conjugate	Unconjugated
Immunogen	Full length human recombinant protein of PFN1 produced in HEK293T cell
Form	Liquid
Concentration	1.00 mg/mL
Purification	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)

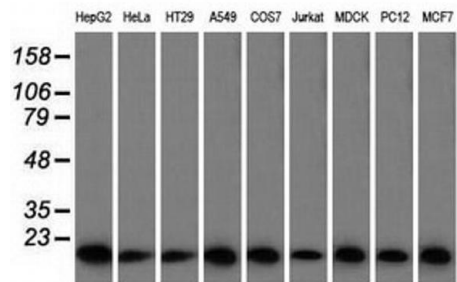
Profilin 1 Antibody (MA5-25120)

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}



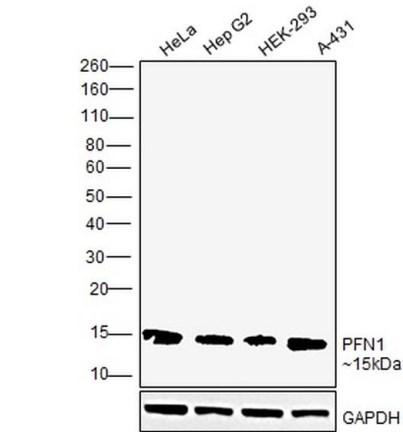
Profilin 1 Antibody (MA5-25120) in WB

Western blot analysis of PFN1 in HepG2, HeLa, HT29, A549, COS7, Jurkat, MDCK, PC12, MCF7 cells using 35 µg per lane. Samples were probed with PFN1 (Product # MA5-25120) monoclonal antibody.



Profilin 1 Antibody (MA5-25120) in WB

Western blot was performed using Anti-Profilin 1 Monoclonal Antibody (OTI2D2) (Product # MA5-25120) and a 15kDa band corresponding to Profilin 1 was observed across cell lines tested. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), Hep G2 (Lane 2), HEK-293 (Lane 3) and A-431 (Lane 4) were electrophoresed using NuPAGE™ 12% Bis-Tris Protein Gel (Product # NP0341BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1500 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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