

KO Validated Anti-Actinin Alpha 4 Rabbit Monoclonal

Rabbit monoclonal antibody

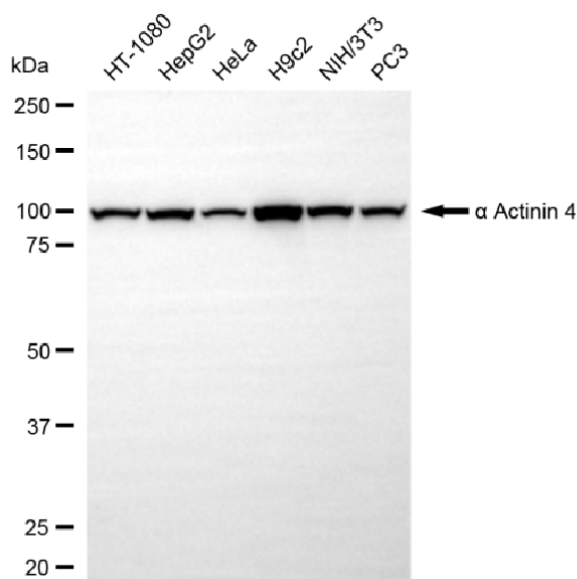
ABG2407

Product Overview

Name	KO Validated Anti-Actinin Alpha 4 Rabbit Monoclonal Antibody
Accession(Primary)	O43707
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human alpha Actinin 4
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 105 kDa, observed, 105 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

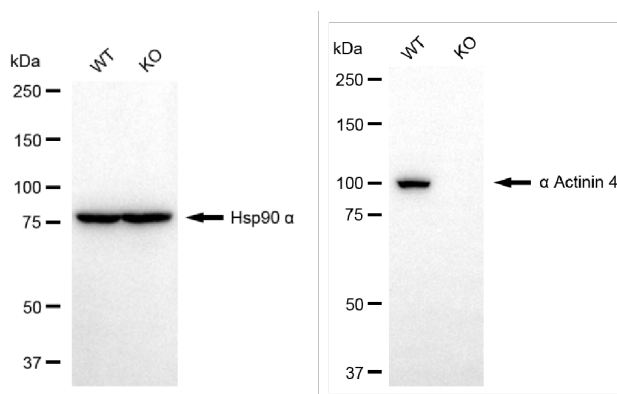
Target information (O43707)

Gene Name	ACTN4
About Gene Symbol	ACTN4 (Actinin Alpha 4) is a structural cytoskeletal protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



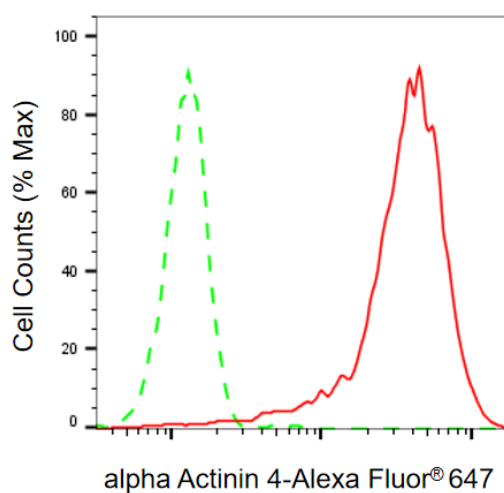
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Western blotting analysis using anti-alpha Actinin 4 antibody (Cat#ABG2407). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-alpha Actinin 4 antibody (Cat#ABG2407, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-alpha actinin 4 antibody (Cat#ABG2407). Alpha actinin 4 expression in wild type (WT) and alpha actinin 4 (ACTN4) knockout (KO) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-alpha actinin 4 antibody (Cat#ABG2407, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of alpha Actinin 4 expression in HepG2 cells using anti-alpha Actinin 4 antibody (Cat# ABG2407, 1:2,000). Green, isotype control; red, alpha Actinin 4.