

KD-Validated Anti-Arp2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

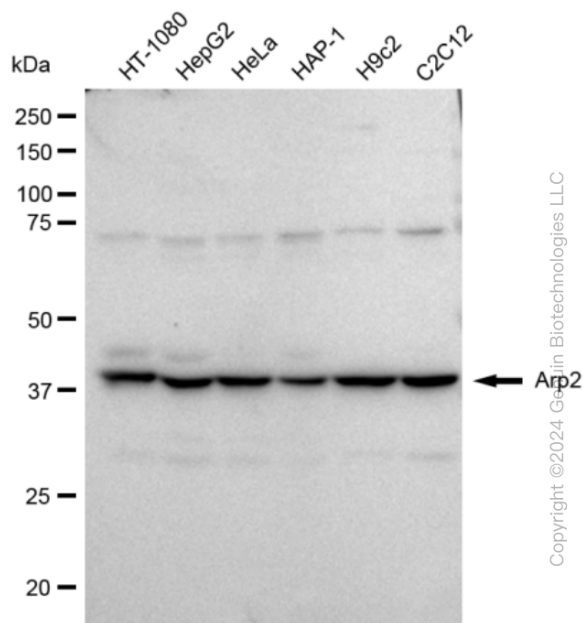
ABG2297

Product Overview

Name	KD-Validated Anti-Arp2 Rabbit Monoclonal Antibody
Accession(Primary)	P61160
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Arp2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 45 kDa, observed, 37 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 Immunocytochemical (IC): 1:1,000 Flow cytometry (FCM): 1:2,000

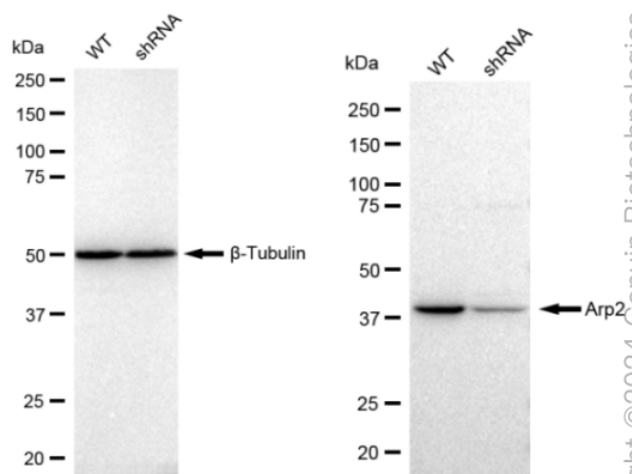
Target information (P61160)

Gene Name	ACTR2
About Gene Symbol	ACTR2 (Actin Related Protein 2) 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.



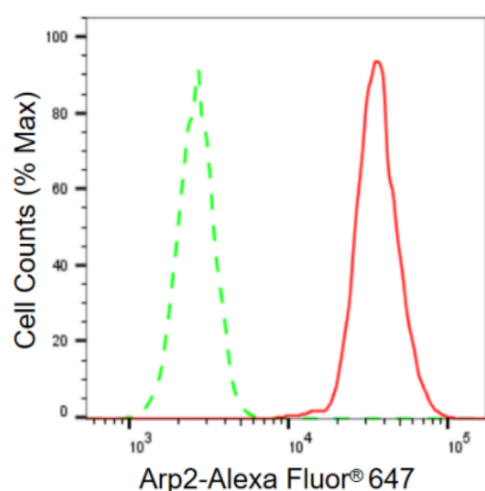
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Western blotting analysis using anti-Arp2 antibody (Cat#ABG2297). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Arp2 antibody (Cat#ABG2297, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



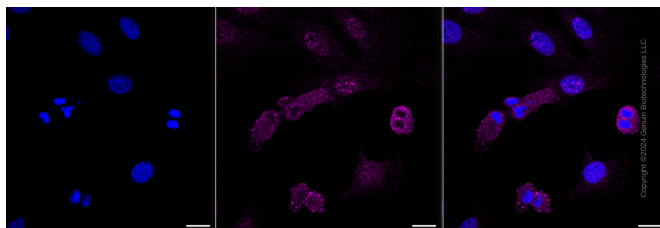
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Western blotting analysis using anti-Arp2 antibody (Cat#ABG2297). Arp2 expression in wild type (WT) and Arp2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Arp2 antibody (Cat#ABG2297, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Arp2 expression in C2C12 cells using Arp2 antibody (Cat#ABG2297, 1:2,000). Green, isotype control; red, Arp2.



Immunocytochemical staining of C2C12 cells with Arp2 antibody (Cat#ABG2297, 1:1,000). Nuclei were stained blue with DAPI; Arp2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.