

KO-Validated Anti-ARFGEF2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2443

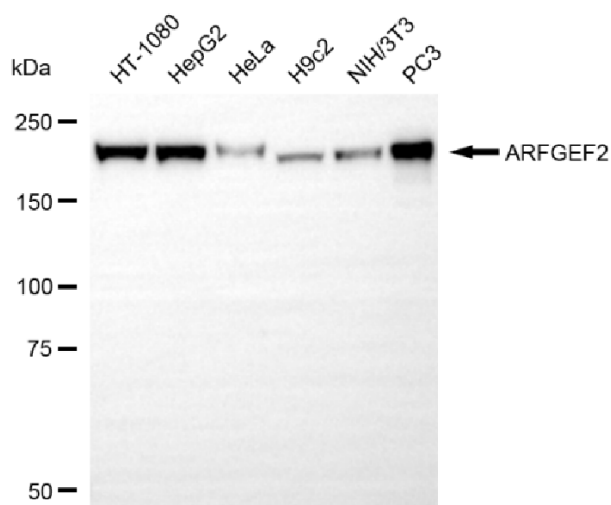
Product Overview

Name	KO-Validated Anti-ARFGEF2 Rabbit Monoclonal Antibody
Accession(Primary)	Q9Y6D5
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ARFGEF2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 202 kDa; observed, 230 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q9Y6D5)

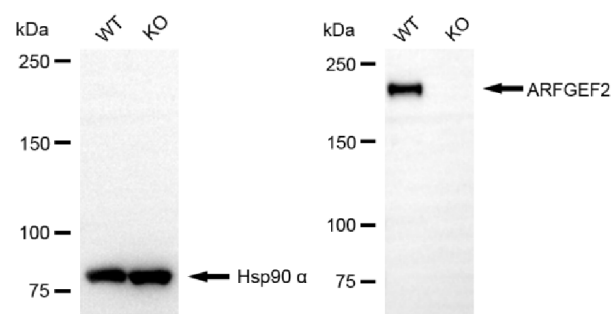
Gene Name	ARFGEF2
About Gene Symbol	ARFGEF2 (ADP Ribosylation Factor Guanine Nucleotide Exchange Factor 2) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic

targets.



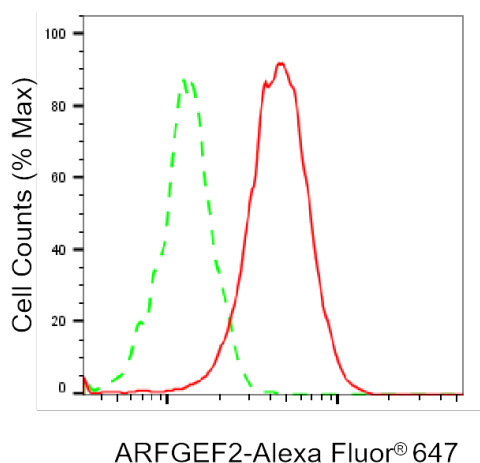
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Western blotting analysis using anti-ARFGEF2 antibody (Cat#ABG2443). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ARFGEF2 antibody (Cat#ABG2443, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



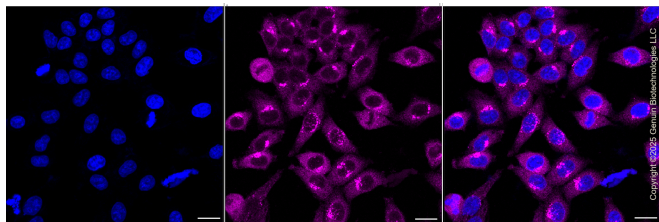
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Western blotting analysis using anti-ARFGEF2 antibody (Cat#ABG2443). ARFGEF2 expression in wild-type (WT) and ARFGEF2 knockout (KO) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ARFGEF2 antibody (Cat#ABG2443, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of ARFGEF2 expression in HepG2 cells using anti-ARFGEF2 antibody (Cat#ABG2443, 1:2,000). Green, isotype control; red, ARFGEF2.



Immunocytochemical staining of HepG2 cells with anti-ARFGEF2 antibody (Cat#ABG2443, 1:1,000).

Nuclei were stained blue with DAPI; ARFGEF2 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.