9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KD-Validated Anti-ADP ribosylation factor 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1181

Product Overview

Name	KD-Validated Anti-ADP ribosylation factor 1 Rabbit Monoclonal Antibody
Accession(Primary)	P84077
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ARF1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 21 kDa, observed, 18 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 Immunocytochemistry (IC): 1:1,000

Target information (P84077)

Gene Name	ARF1
About Gene Symbol	ARF1 (ADP Ribosylation Factor 1) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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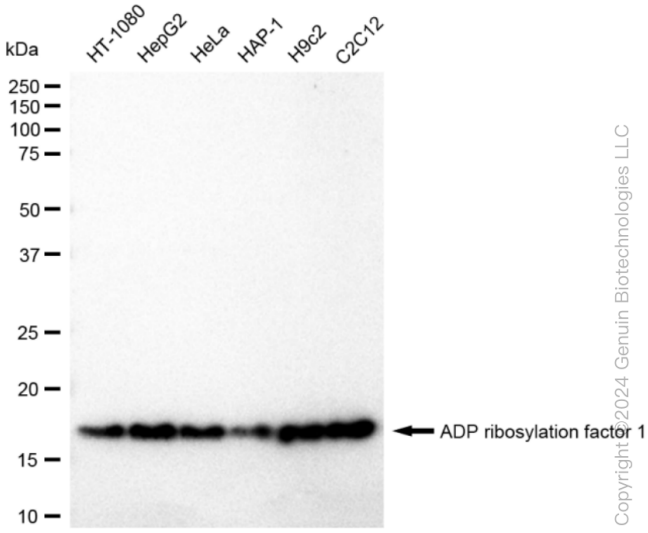

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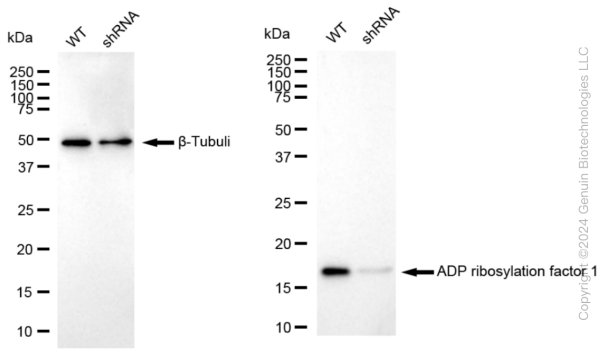
Western blotting analysis using anti-ADP ribosylation factor 1 antibody (Cat#ABG1181). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ADP ribosylation factor 1 antibody (Cat#ABG1181, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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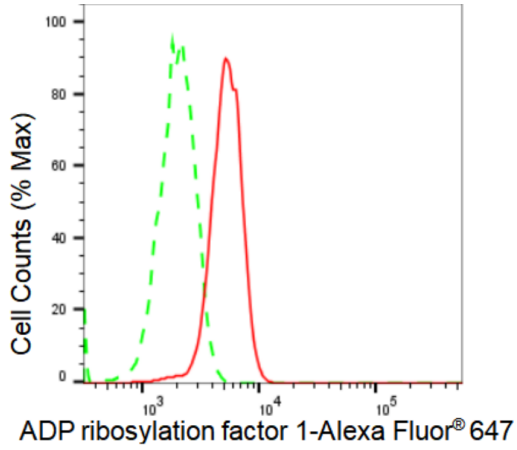
Western blotting analysis using anti-ADP ribosylation factor 1 antibody (Cat#ABG1181). ADP ribosylation factor 1 expression in wild type (WT) and ADP ribosylation factor 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-ADP ribosylation factor 1 antibody (Cat#ABG1181, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of ADP ribosylation factor 1 expression in C2C12 cells using ADP ribosylation factor 1 antibody (Cat#ABG1181, 1:2000). Green, isotype control; red, ADP ribosylation factor 1.

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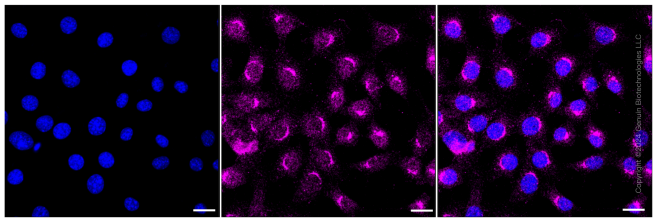

Immunocytochemical staining of C2C12 cells with ADP ribosylation factor 1 antibody (Cat#ABG1181, 1:1,000). Nuclei were stained blue with DAPI; ADP ribosylation factor 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.