9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# KD-Validated Anti-ADP ribosylation factor 5 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG1233

## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-ADP ribosylation factor 5 Rabbit Monoclonal Antibody |
| **Accession(Primary)** | P84085 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from human ARF5 |
| **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 (P84085)

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|---|---|
| **Gene Name** | ARF5 |
| **About Gene Symbol** | ARF5 (ADP Ribosylation Factor 5) 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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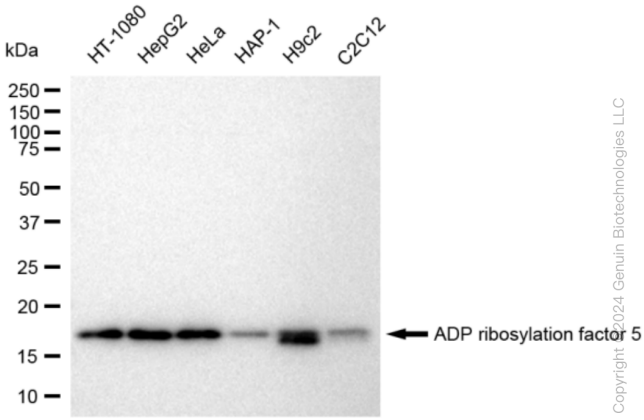


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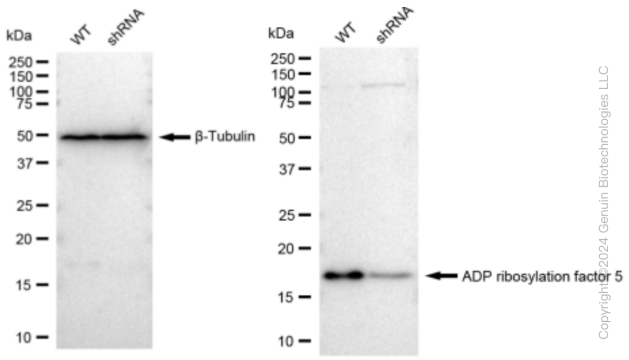
Western blotting analysis using anti-ADP ribosylation factor 5 antibody (Cat#ABG1233). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ADP ribosylation factor 5 antibody (Cat#ABG1233, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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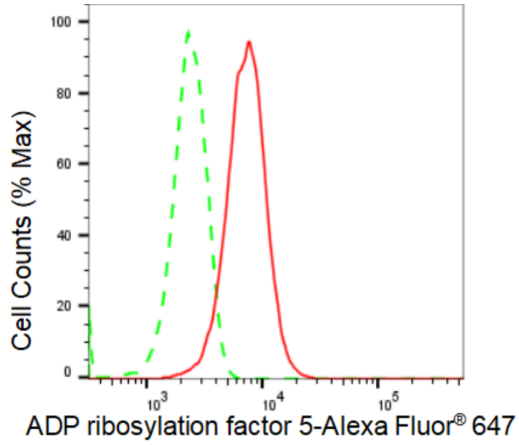
Western blotting analysis using anti-ADP ribosylation factor 5 antibody (Cat#ABG1233). ADP ribosylation factor 5 expression in wild type (WT) and ADP ribosylation factor 5 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-ADP ribosylation factor 5 antibody (Cat#ABG1233, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Flow cytometric analysis of ADP ribosylation factor 5 expression in HepG2 cells using ADP ribosylation factor 5 antibody (Cat#ABG1233, 1:2,000). Green, isotype control; red, ADP ribosylation factor 5.

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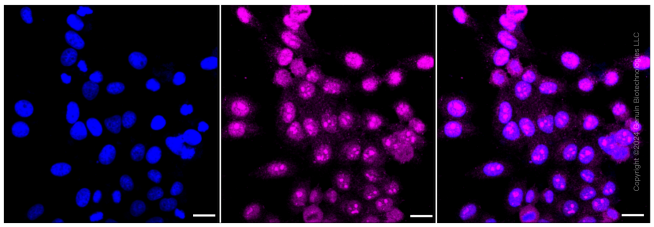

Immunocytochemical staining of HepG2 cells with ADP ribosylation factor 5 antibody (Cat#ABG1233, 1:1,000). Nuclei were stained blue with DAPI; ADP ribosylation factor 5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.