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

# KD-Validated Anti-ARHGEF2 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG1217

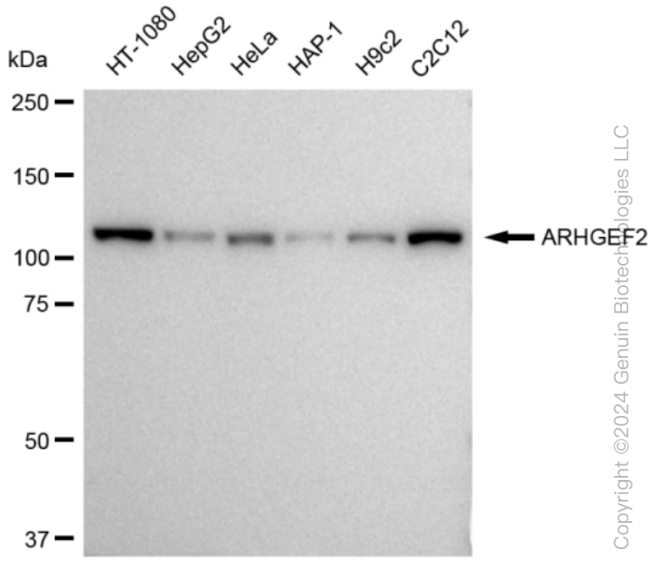
## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-ARHGEF2 Rabbit Monoclonal Antibody |
| **Accession(Primary)** | Q92974 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from human GEF H1 |
| **Species Reactivity** | Human, Mouse, Rat |
| **Calculated MW** | Predicted, 111 kDa , observed, 112 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 (Q92974)

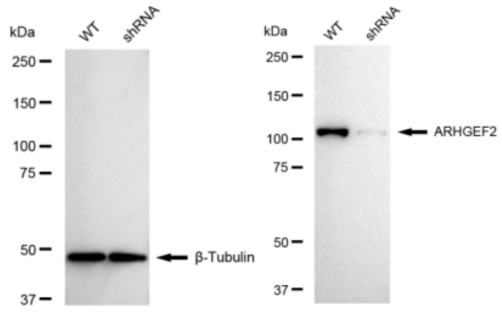
| | |
|---|---|
| **Gene Name** | ARHGEF2 |
| **About Gene Symbol** | ARHGEF2 (Rho/Rac Guanine Nucleotide Exchange Factor 2) is a protein kinase and signaling regulator involved in adaptive immunity. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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



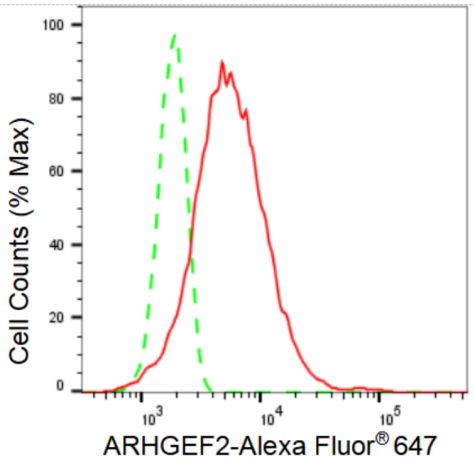

Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-ARHGEF2 antibody (Cat#ABG1217). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ARHGEF2 antibody (Cat#ABG1217, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.




Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-ARHGEF2 antibody (Cat#ABG1217). ARHGEF2 expression in wild type (WT) and ARHGEF2 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-ARHGEF2 antibody (Cat#ABG1217, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.




Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of ARHGEF2 expression in HT-1080 cells using ARHGEF2 antibody (Cat#ABG1217, 1:2,000). Green, isotype control; red, ARHGEF2.