

KO-Validated Anti-ARHGDIA Mouse Monoclonal Antibody

Mouse monoclonal antibody

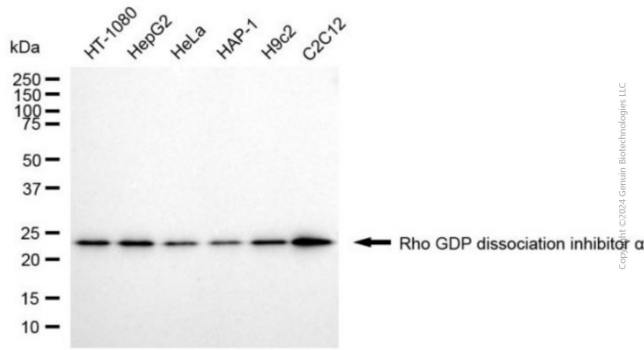
ABG2402

Product Overview

Name	KO-Validated Anti-ARHGDIA Mouse Monoclonal Antibody
Accession(Primary)	P52565
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human ARHGDIA
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 23 kDa, observed, 23 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): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

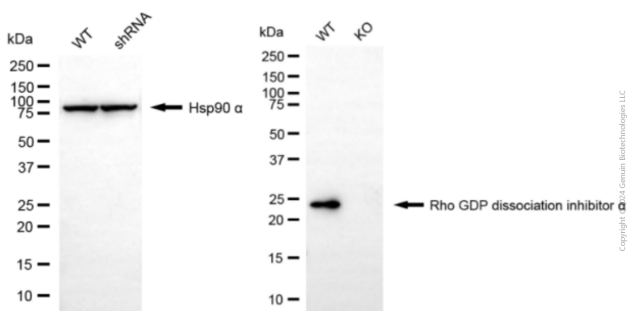
Target information (P52565)

Gene Name	ARHGDIA
About Gene Symbol	ARHGDIA (Rho GDP Dissociation Inhibitor Alpha) 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.



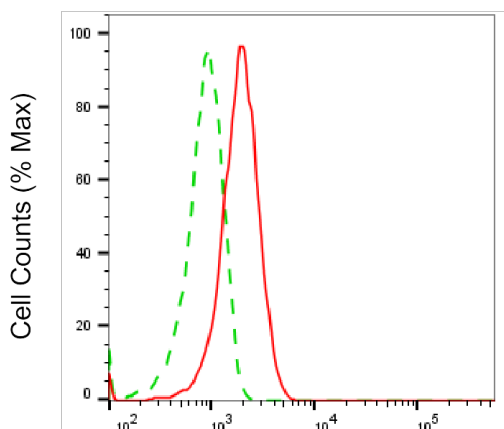
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Western blotting analysis using anti-Rho GDP dissociation inhibitor alpha antibody (Cat#ABG2402). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Rho GDP dissociation inhibitor alpha antibody (Cat#ABG2402, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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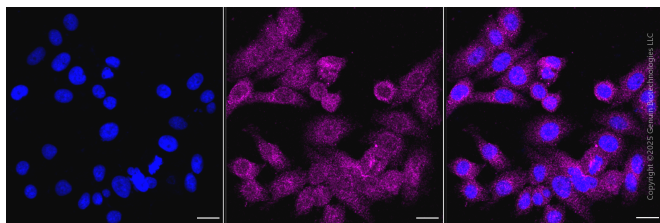
Western blotting analysis using anti-Rho GDP dissociation inhibitor alpha antibody (Cat#ABG2402). Rho GDP dissociation inhibitor alpha expression in wild type (WT) and Rho GDP dissociation inhibitor alpha (ARHGDI1) knockout (KO) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Rho GDP dissociation inhibitor alpha antibody (Cat#ABG2402, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of Rho GDP dissociation inhibitor alpha expression in HepG2 cells using anti-Rho GDP dissociation inhibitor alpha antibody (Cat#ABG2402, 1:2,000). Green, isotype control; red, Rho GDP dissociation inhibitor alpha.

Rho GDP dissociation inhibitor alpha-Alexa Fluor® 647



Immunocytochemical staining of HepG2 cells with anti-Rho GDP dissociation inhibitor alpha antibody (Cat#ABG2402, 1:1,000). Nuclei were stained blue with DAPI; Rho GDP dissociation inhibitor alpha 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.