9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Arrestin beta 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2382

Product Overview

Name	KD-Validated Anti-Arrestin beta 1 Rabbit Monoclonal Antibody
Accession(Primary)	P49407
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ARRB1
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 47 kDa ; Observed, 50 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 (P49407)

Gene Name	ARRB1
About Gene Symbol	ARRB1 (Arrestin Beta 1) 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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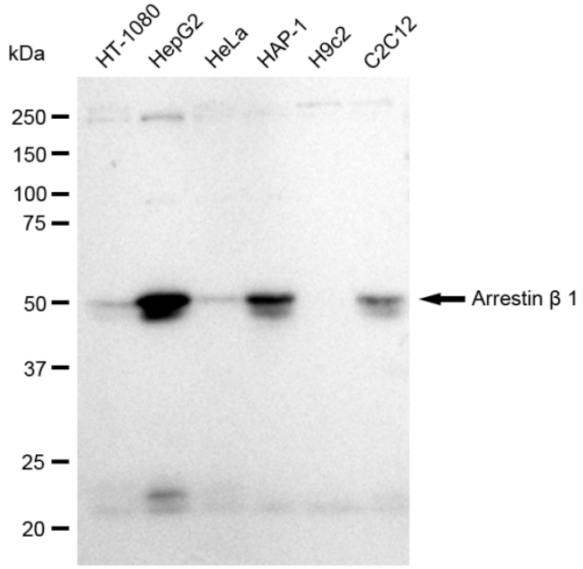

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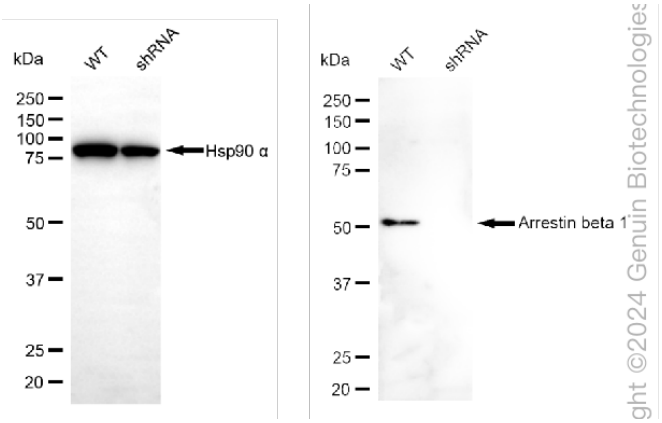
Western blotting analysis using anti-Arrestin beta 1 antibody (Cat#ABG2382). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Arrestin beta 1 antibody (Cat#ABG2382, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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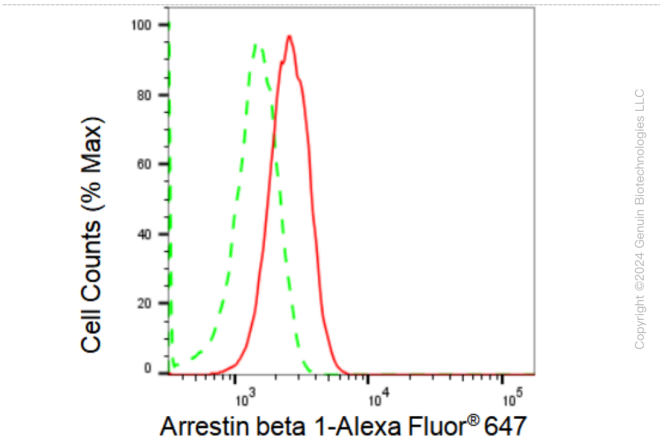
Western blotting analysis using anti-Arrestin beta 1 antibody (Cat#ABG2382). Arrestin beta 1 expression in wild type (WT) and arrestin beta 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Arrestin beta 1 antibody (Cat#ABG2382, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Arrestin beta 1 expression in HepG2 cells using Arrestin beta 1 antibody (Cat#ABG2382, 1:2,000). Green, isotype control; red, Arrestin beta 1.

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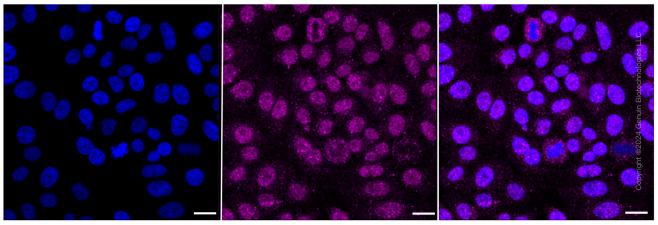

Immunocytochemical staining of HepG2 cells with Arrestin beta 1 antibody (Cat#ABG2382, 1:1,000). Nuclei were stained blue with DAPI; Arrestin beta 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.