

KD-Validated Anti-Phospho-beta Arrestin 1 (S412) Rabbit Monoclonal Antibody

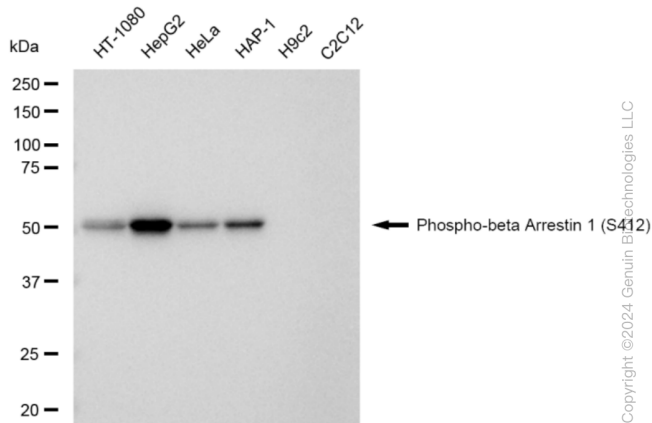
ABG1358

Product Overview

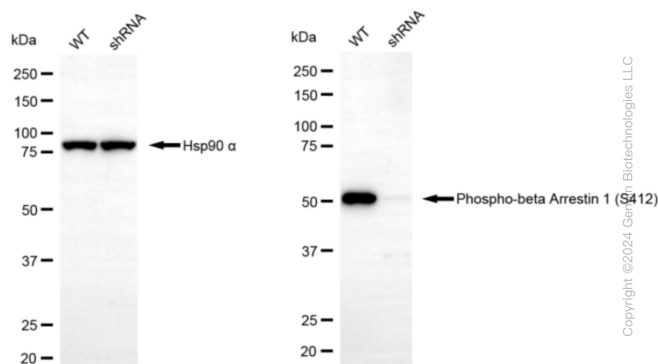
Name	KD-Validated Anti-Phospho-beta Arrestin 1 (S412) Rabbit Monoclonal Antibody
Accession(Primary)	P49407
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-beta Arrestin 1 (S412)
Species Reactivity	Human
Calculated MW	Predicted, 47 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): 1:100-1:1,000

Target information (P49407)

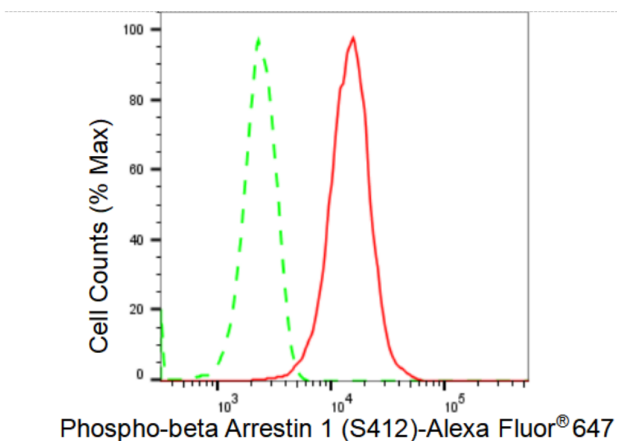
Gene Name	ARRB1
About Gene Symbol	ARRB1 (Arrestin Beta 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



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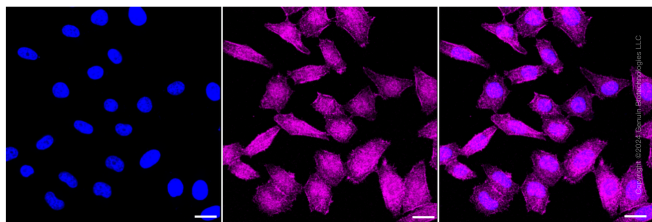


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Western blotting analysis using anti-Phospho-beta Arrestin 1 (S412) antibody (Cat#ABG1358). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-beta Arrestin 1 (S412) antibody (Cat#ABG1358, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Western blotting analysis using anti-Phospho-beta Arrestin 1 (S412) antibody (Cat#ABG1358). Phospho-beta Arrestin 1 (S412) expression in wild type (WT) and Phospho-beta Arrestin 1 (S412) 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-Phospho-beta Arrestin 1 (S412) antibody (Cat#ABG1358, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Flow cytometric analysis of Phospho-beta Arrestin 1 (S412) expression in HepG2 cells using Phospho-beta Arrestin 1 (S412) antibody (Cat#ABG1358, 1:2,000). Green, isotype control; red, Phospho-beta Arrestin 1 (S412).



Immunocytochemical staining of HepG2 cells with Phospho-beta Arrestin 1 (S412) antibody (Cat#ABG1358, 1:1,000). Nuclei were stained blue with DAPI; Phospho-beta Arrestin 1 (S412) 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.