9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Adenylate kinase 4 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1496

Product Overview

Name	KD-Validated Anti-Adenylate kinase 4 Rabbit Monoclonal Antibody
Accession(Primary)	P27144
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Adenylate kinase 4
Species Reactivity	Human
Calculated MW	Predicted, 25 kDa , observed, 25 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 (P27144)

Gene Name	AK4
About Gene Symbol	AK4 (Adenylate Kinase 4) 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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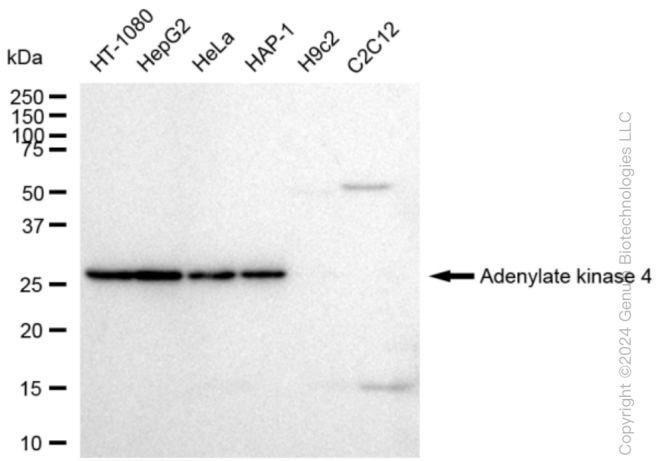

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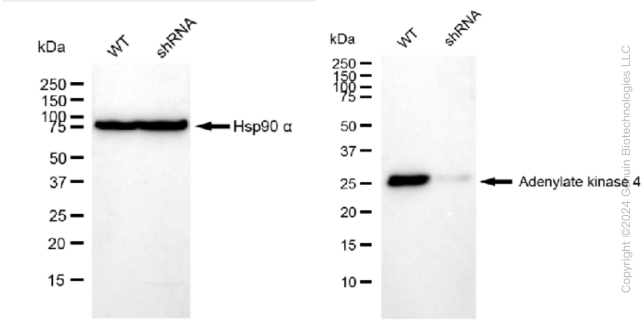
Western blotting analysis using anti-Adenylate kinase 4 antibody (Cat#ABG1496). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Adenylate kinase 4 antibody (Cat#ABG1496, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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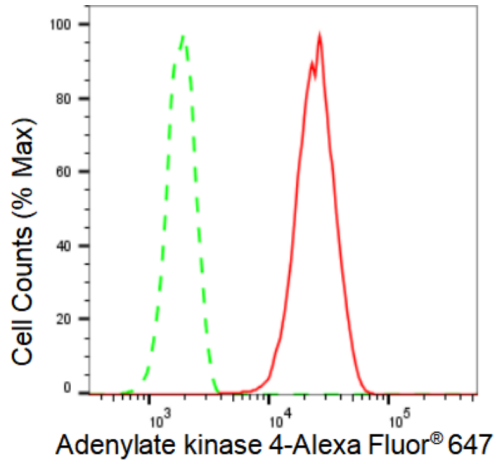
Western blotting analysis using anti-Adenylate kinase 4 antibody (Cat#ABG1496). Adenylate kinase 4 expression in wild type (WT) and Adenylate kinase 4 shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Adenylate kinase 4 antibody (Cat#ABG1496, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Adenylate kinase 4 expression in HepG2 cells using Adenylate kinase 4 antibody (Cat#ABG1496, 1:2,000). Green, isotype control; red, Adenylate kinase 4.