9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-AK3 mouse monoclonal antibody

Mouse monoclonal antibody

ABG1963

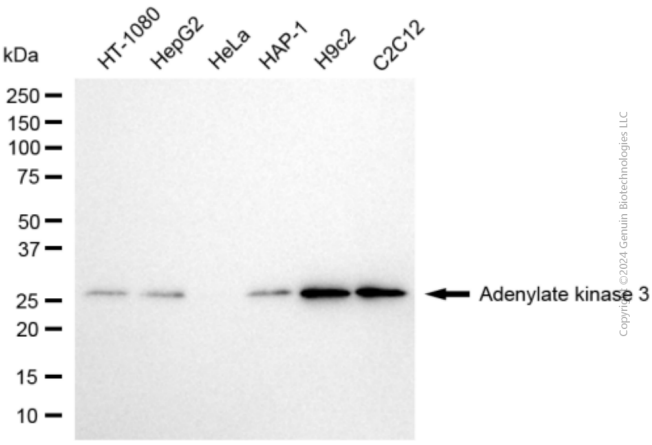
Product Overview

Name	KD-Validated Anti-AK3 mouse monoclonal antibody
Accession(Primary)	Q9UIJ7
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a
Immunogen	Recombinant protein of human AK3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 26 kDa, observed, 26 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

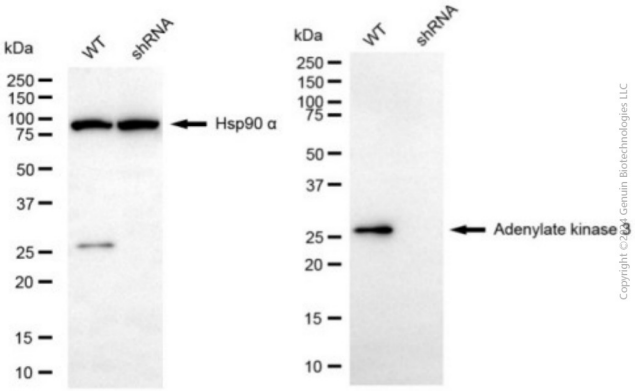
Target information (Q9UIJ7)

Gene Name	AK3
About Gene Symbol	AK3 (Adenylate Kinase 3) 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-adenylate kinase 3 antibody (Cat#ABG1963). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-adenylate kinase 3 antibody (Cat#ABG1963, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-adenylate kinase 3 antibody (Cat#ABG1963). Adenylate kinase 3 expression in wild type (WT) and adenylate kinase 3 (AK3) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-adenylate kinase 3 antibody (Cat#ABG1963, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.