9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-ATIC Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1985

Product Overview

Name	KD-Validated Anti-ATIC Mouse Monoclonal Antibody
Accession(Primary)	P31939
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human ATIC
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 65 kDa, observed, 65 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 (P31939)

Gene Name	ATIC
About Gene Symbol	ATIC is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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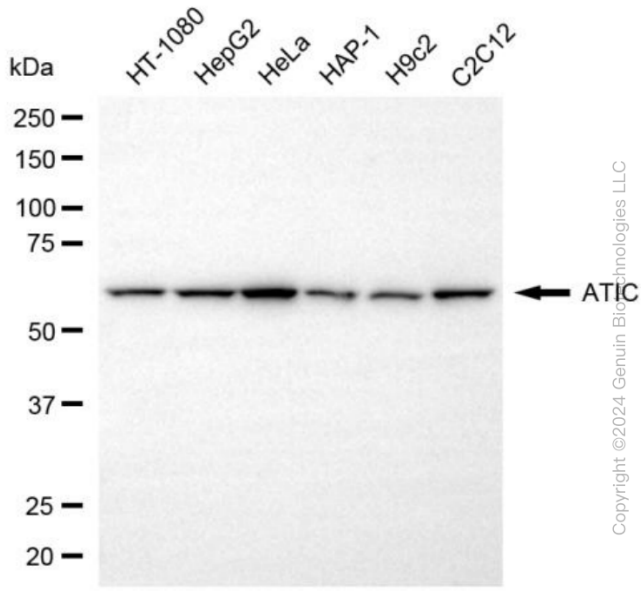

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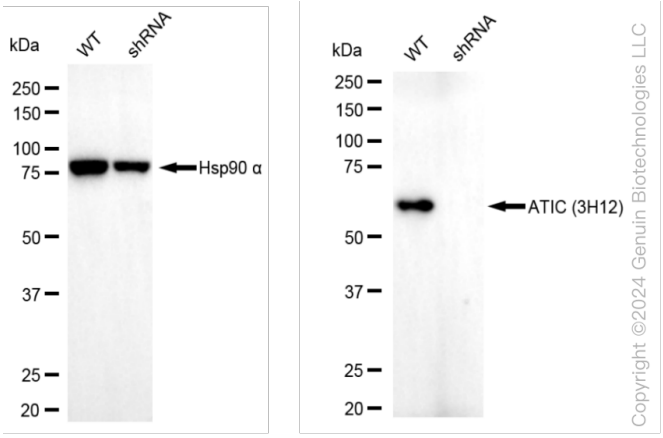
Western blotting analysis using anti-ATIC antibody (Cat#ABG1985). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ATIC antibody (Cat#ABG1985, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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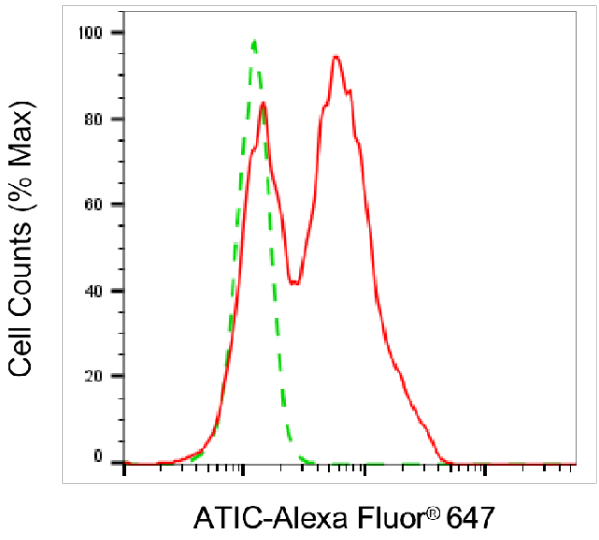
Western blotting analysis using anti-ATIC antibody (Cat#ABG1985). ATIC expression in wild-type (WT) and ATIC shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ATIC antibody (Cat#ABG1985, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of ATIC expression in C2C12 cells using anti-ATIC antibody (Cat#ABG1985, 1:2,000). Green, isotype control; red, ATIC.