9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-IDH1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1060

Product Overview

Name	KD-Validated Anti-IDH1 Rabbit Monoclonal Antibody
Accession(Primary)	O75874
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human IDH1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 47 kDa , observed, 45 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 (O75874)

Gene Name	IDH1
About Gene Symbol	IDH1 (Isocitrate Dehydrogenase (NADP(+)) 1) is a metabolic dehydrogenase 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

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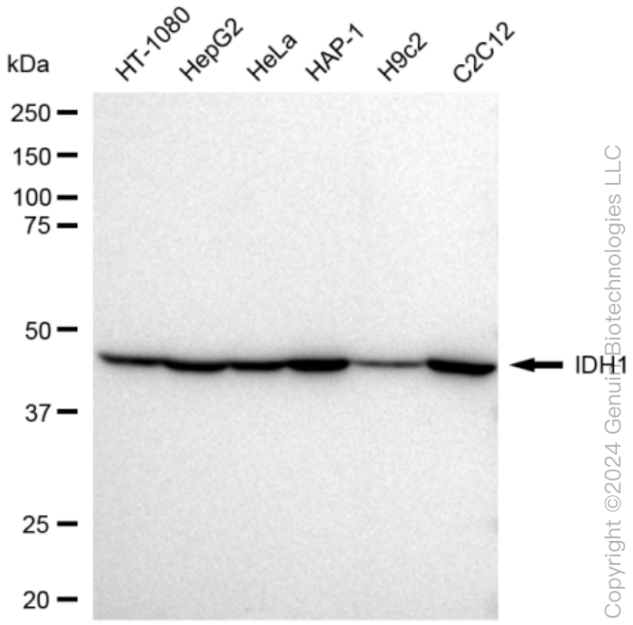

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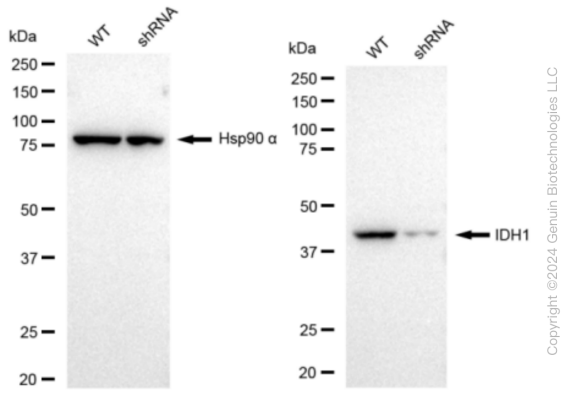
Western blotting analysis using anti-IDH1 antibody (Cat#ABG1060). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IDH1 antibody (Cat#ABG1060, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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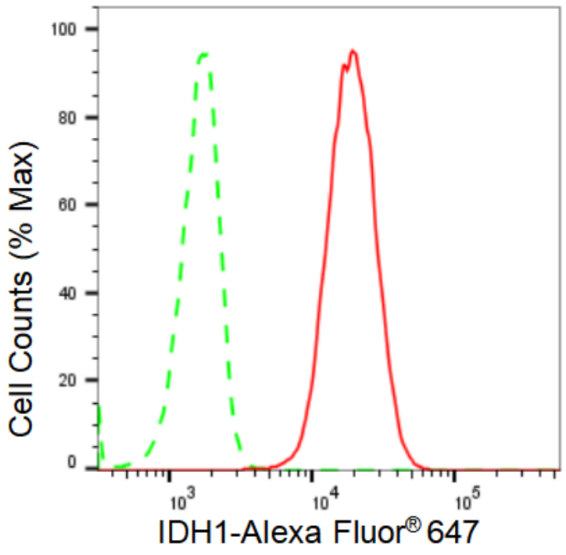
Western blotting analysis using anti-IDH1 antibody (Cat#ABG1060). IDH1 expression in wild type (WT) and IDH1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-IDH1 antibody (Cat#ABG1060, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of IDH1 expression in C2C12 cells using IDH1 antibody (Cat#ABG1060, 1:2,000). Green, isotype control; red, IDH1.