

KD-Validated Anti-IDH1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

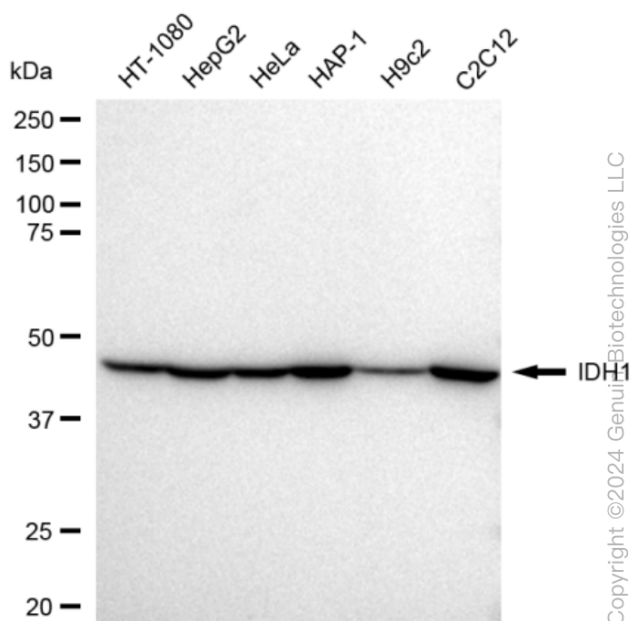
ABG1060

Product Overview

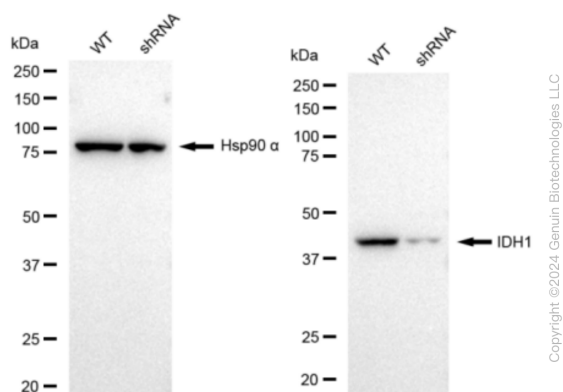
Name	KD-Validated Anti-IDH1 Rabbit Monoclonal Antibody
Accession(Primary)	O75874
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human IDH1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 47 kDa , observed, 45 kDa
Storage Buffer	Supplied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

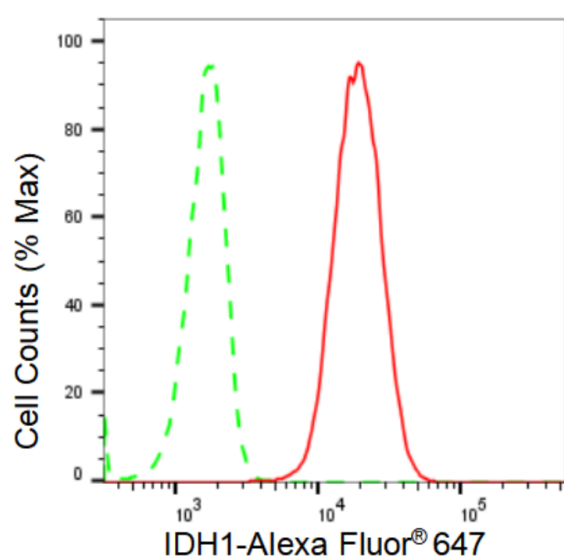
Gene Name	IDH1
About Gene Symbol	IDH1 (Isocitrate Dehydrogenase (NADP(+)) 1) is a metabolic dehydrogenase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms



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.



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.



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