9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KD-Validated Anti-Histone deacetylase 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1478

Product Overview

Name	KD-Validated Anti-Histone deacetylase 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q13547
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human HDAC1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 55 kD a , observed, 55 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 (Q13547)

Gene Name	HDAC1
About Gene Symbol	HDAC1 (Histone Deacetylase) is a histone deacetylase involved in chromatin remodeling and epigenetics. 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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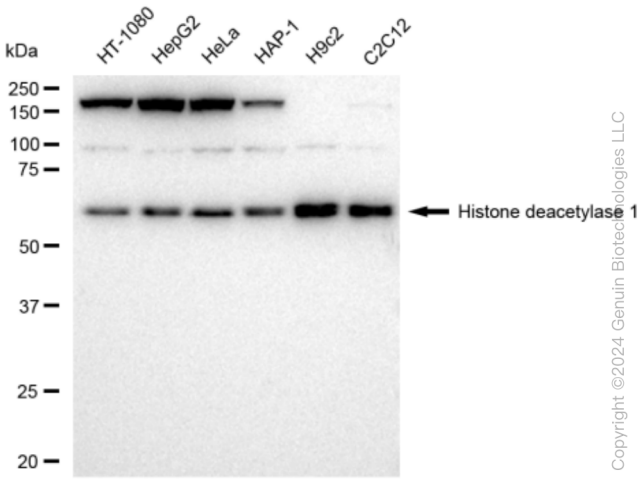

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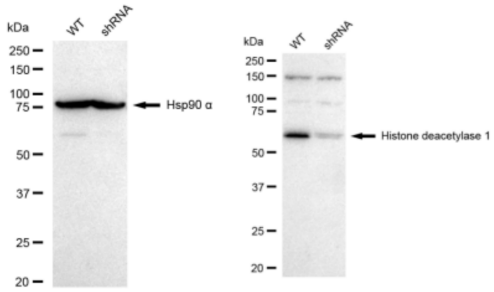
Western blotting analysis using anti-Histone deacetylase 1 antibody (Cat#ABG1478). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Histone deacetylase 1 antibody (Cat#ABG1478, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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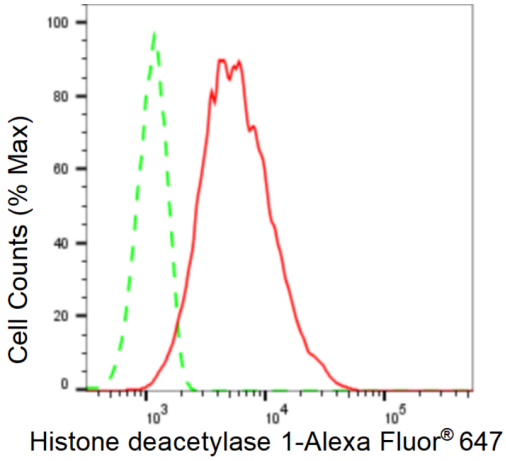
Western blotting analysis using anti-Histone deacetylase 1 antibody (Cat#ABG1478). Histone deacetylase 1 expression in wild type (WT) and Histone deacetylase 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Histone deacetylase 1 antibody (Cat#ABG1478, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Histone deacetylase 1 expression in C2C12 cells using Histone deacetylase 1 antibody (ABG1478, 1:2,000). Green, isotype control; red, Histone deacetylase 1.