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

KD-Validated Anti-Histone deacetylase 9 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1037

Product Overview

Name	KD-Validated Anti-Histone deacetylase 9 Rabbit Monoclonal Antibody
Accession(Primary)	Q9UKV0
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human HDAC9
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 111 kDa , observed, 160 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:4,000-1:20,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q9UKV0)

Gene Name	HDAC9
About Gene Symbol	HDAC9 (Histone Deacetylase 9) is a histone deacetylase involved in chromatin remodeling and epigenetics. 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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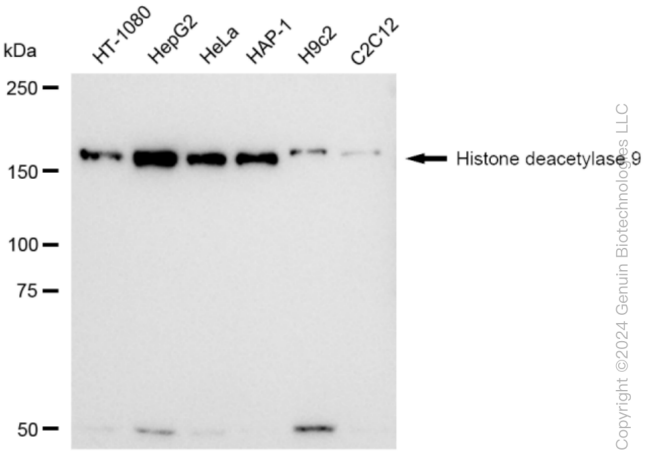

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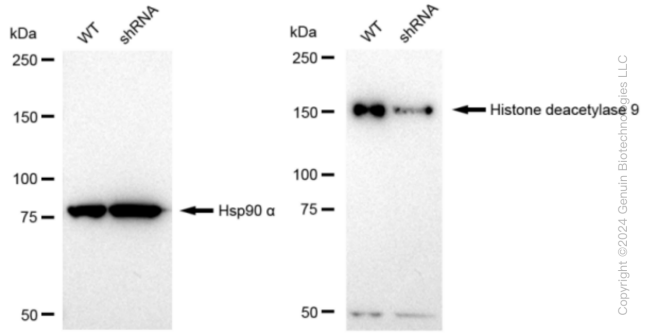
Western blotting analysis using anti-Histone deacetylase 9 antibody (Cat#ABG1037). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Histone deacetylase 9 antibody (Cat#ABG1037, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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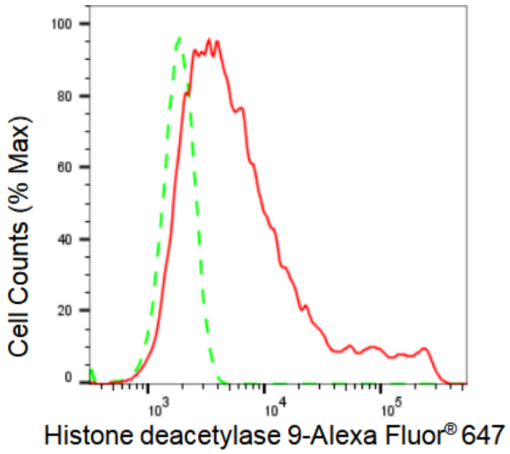
Western blotting analysis using anti-Histone deacetylase 9 antibody (Cat#ABG1037). Histone deacetylase 9 expression in wild type (WT) and histone deacetylase 9 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Histone deacetylase 9 antibody (Cat#ABG1037, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Histone deacetylase 9 expression in HepG2 cells using Histone deacetylase 9 antibody (Cat#ABG1037, 1:2,000). Green, isotype control; red, Histone deacetylase 9.

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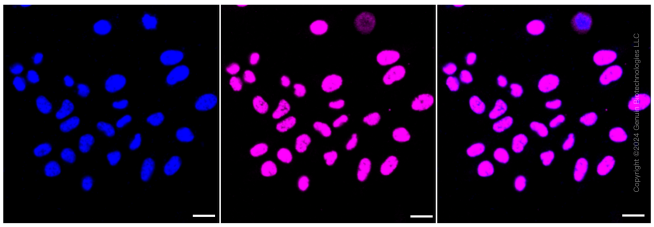

Immunocytochemical staining of HepG2 cells with Histone deacetylase 9 antibody (Cat#ABG1037, 1:1,000). Nuclei were stained blue with DAPI; Histone deacetylase 9 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.