9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KD-Validated Anti-Histone deacetylase 10 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1053

Product Overview

Name	KD-Validated Anti-Histone deacetylase 10 Rabbit Monoclonal Antibody
Accession(Primary)	Q969S8
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human HDAC10
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 71 kDa, observed, 75 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 Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q969S8)

Gene Name	HDAC10
About Gene Symbol	HDAC10 (Histone Deacetylase 10) is a histone deacetylase involved in chromatin remodeling and epigenetics. It is an important research target in epigenetic regulation, chromatin biology, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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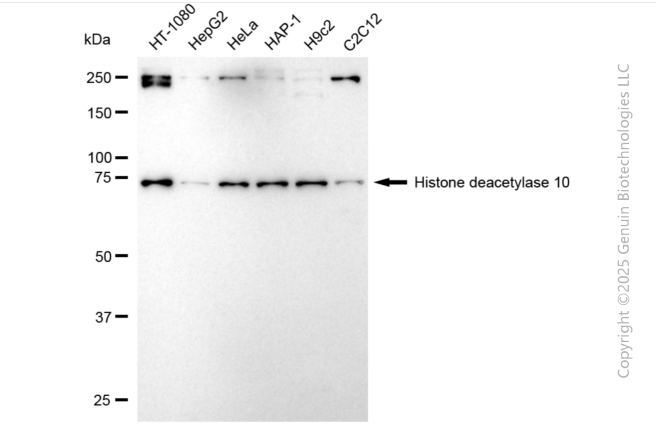
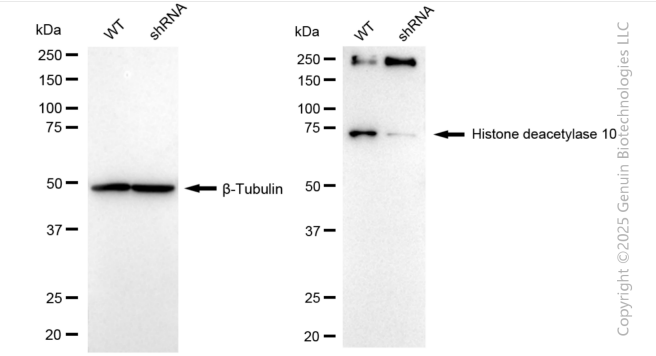
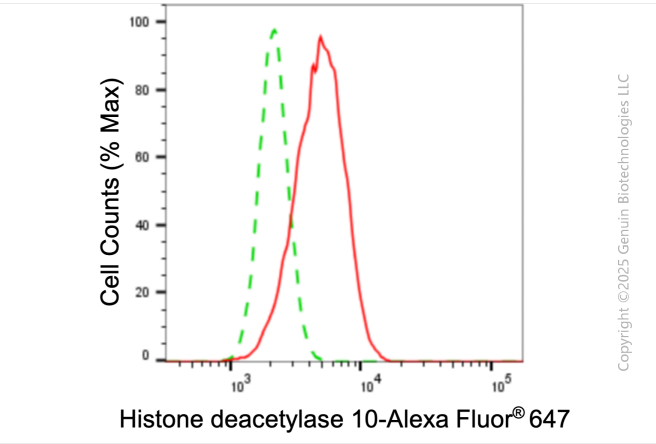


Western blotting analysis using anti-histone deacetylase 10 antibody (Cat#ABG1053). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-histone deacetylase 10 antibody (Cat#ABG1053, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-histone deacetylase 10 antibody (Cat#ABG1053). Histone deacetylase 10 expression in wild-type (WT) and histone deacetylase 10 (HDAC10) shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-histone deacetylase 10 antibody (Cat#ABG1053, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of histone deacetylase 10 expression in HepG2 cells using histone deacetylase 10 antibody (Cat#ABG1053, 1:2,000). Green, isotype control; red, histone deacetylase 10.

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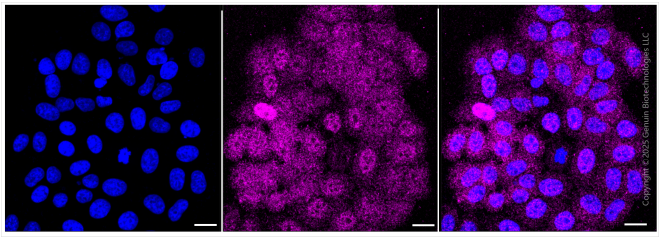

Immunocytochemical staining of HepG2 cells with anti-histone deacetylase 10 antibody (Cat#ABG1053, 1:1,000). Nuclei were stained blue with DAPI; Histone deacetylase 10 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.