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

# KD-Validated Anti-Histone Deacetylase 2 Mouse Monoclonal Antibody

*Mouse monoclonal antibody*

ABG1098

## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-Histone Deacetylase 2 Mouse Monoclonal Antibody |
| **Accession(Primary)** | Q92769 |
| **Host Species** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | Mouse IgG1 |
| **Immunogen** | Recombinant protein of human Histone Deacetylase 2 |
| **Species Reactivity** | Human, Mouse, Rat |
| **Calculated MW** | Predicted, 55 kDa, observed, 60 kDa |
| **Storage Buffer** | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| **Recommended Dilution** | Western Blotting (WB): 1:2,500-1:5,000 |

## Target information (Q92769)

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| **Gene Name** | HDAC2 |
| **About Gene Symbol** | HDAC2 (Histone Deacetylase 2) 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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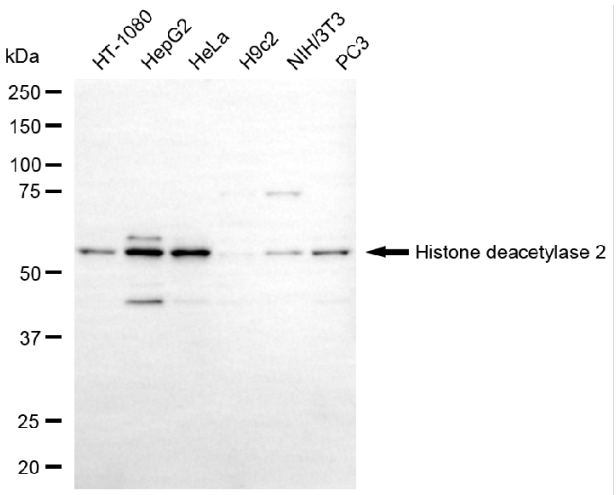


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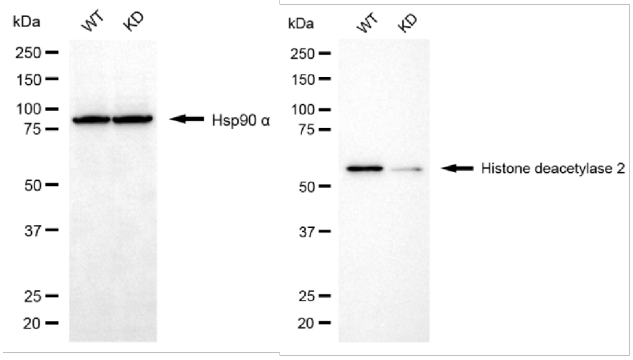
Western blotting analysis using anti-histone deacetylase 2 antibody (Cat#ABG1098). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-histone deacetylase 2 antibody (Cat#ABG1098, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.

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Western blotting analysis using anti-histone deacetylase 2 antibody (Cat#ABG1098). Histone deacetylase 2 expression in wild type (WT) and histone deacetylase 2 (HDAC2) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-histone deacetylase 2 antibody (Cat#ABG1098, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.