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

KD-Validated Anti-EZH2 Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1998

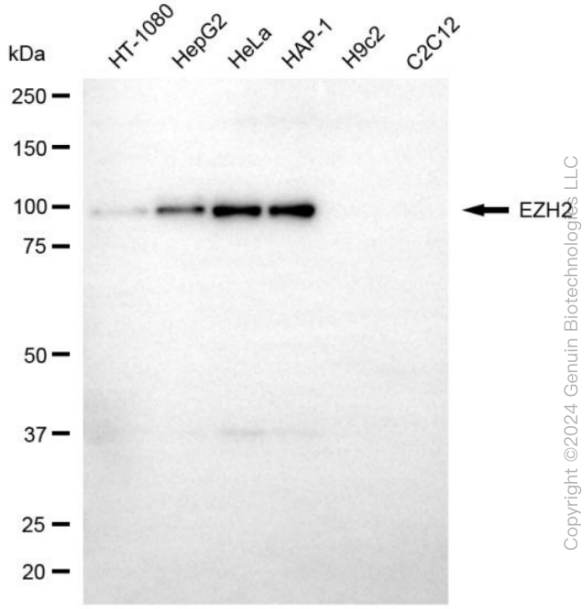
Product Overview

Name	KD-Validated Anti-EZH2 Mouse Monoclonal Antibody
Accession(Primary)	Q15910
Host Species	Mouse
Clonality	Monoclonal
Immunogen	Recombinant protein of human EZH2
Species Reactivity	Human
Calculated MW	Predicted, 85 kDa, observed, 98 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): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q15910)

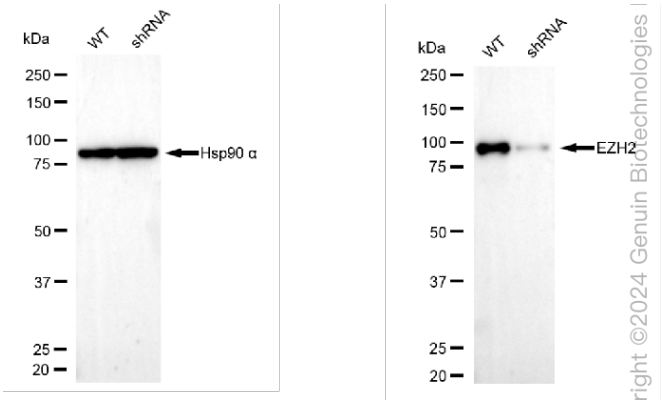
Gene Name	EZH2
About Gene Symbol	EZH2 (Enhancer Of Zeste 2 Polycomb Repressive Complex 2 Subunit 2) is a methyltransferase involved in chromatin remodeling and epigenetics. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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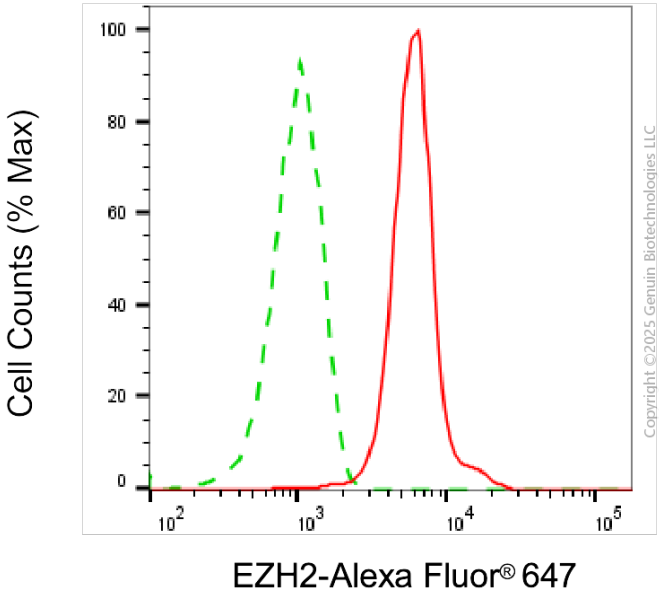
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Western blotting analysis using anti-EZH2 antibody (Cat#ABG1998). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EZH2 antibody (Cat#ABG1998, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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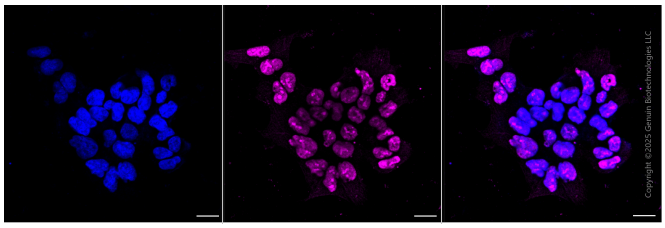
Western blotting analysis using anti-EZH2 antibody (Cat#ABG1998). EZH2 expression in wild-type (WT) and EZH2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-EZH2 antibody (Cat#ABG1998, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of EZH2 expression in HAP-1 cells using anti-EZH2 antibody (Cat#ABG1998, 1:2,000). Green, isotype control; red, EZH2.

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Immunocytochemical staining of HAP-1 cells with anti-EZH2 antibody (Cat#ABG1998, 1:1,000). Nuclei were stained blue with DAPI; EZH2 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.