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

KD-Validated Anti-EHMT2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2322

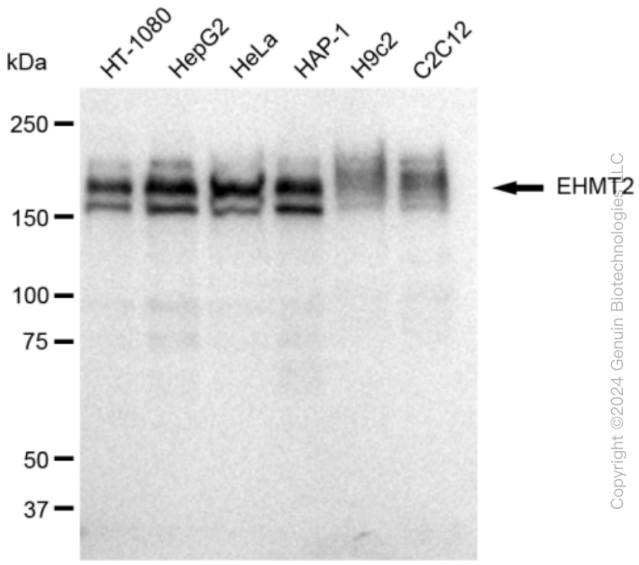
Product Overview

Name	KD-Validated Anti-EHMT2 Rabbit Monoclonal Antibody
Accession(Primary)	Q96KQ7
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human EHMT2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 132 kDa; Observed, 160-170 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 Immunocytochemical (IC): 1:1,000 Flow cytometry (FCM): 1:2,000

Target information (Q96KQ7)

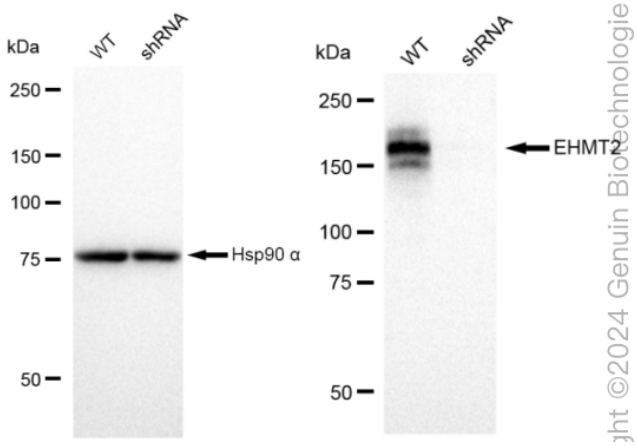
Gene Name	EHMT2
About Gene Symbol	EHMT2 (Euchromatic Histone Lysine Methyltransferase 2) is a histone methyltransferase involved in chromatin remodeling and epigenetics. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to

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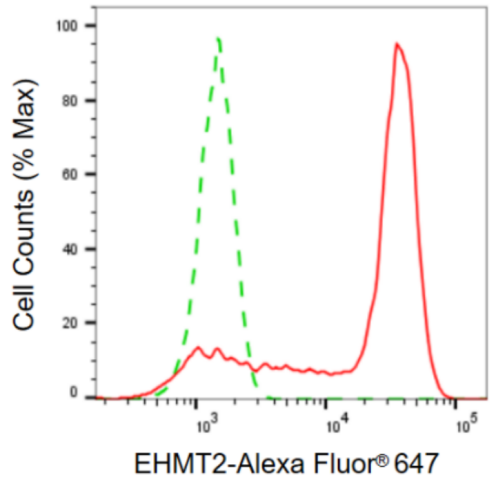
Western blotting analysis using anti-EHMT2 antibody (Cat#ABG2322). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EHMT2 antibody (Cat#ABG2322, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Western blotting analysis using anti-EHMT2 antibody (Cat#ABG2322). EHMT2 expression in wild type (WT) and EHMT2 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-EHMT2 antibody (Cat#ABG2322, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

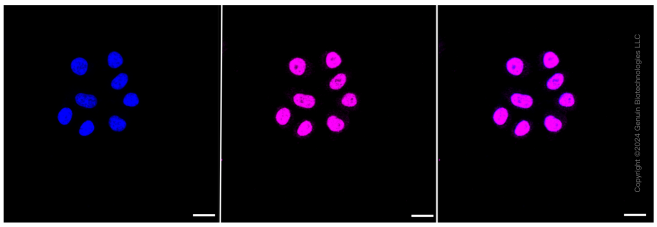
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Flow cytometric analysis of EHMT2 expression in HepG2 cells using EHMT2 antibody (Cat#ABG2322, 1:2,000). Green, isotype control; red, EHMT2.

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Immunocytochemical staining of HepG2 cells with EHMT2 antibody (Cat#ABG2322, 1:1,000). Nuclei were stained blue with DAPI; EHMT2 was stained magenta with Alexa Fluor® 647. Scale bar: 20 µm.