

KD-Validated Anti-EHMT2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

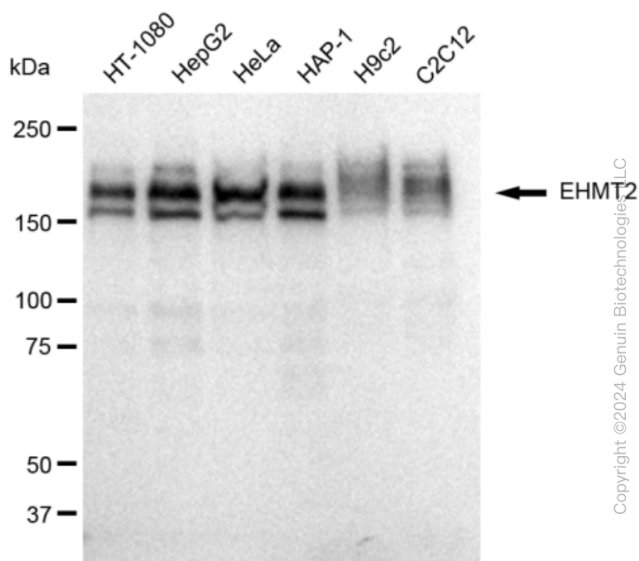
ABG2322

Product Overview

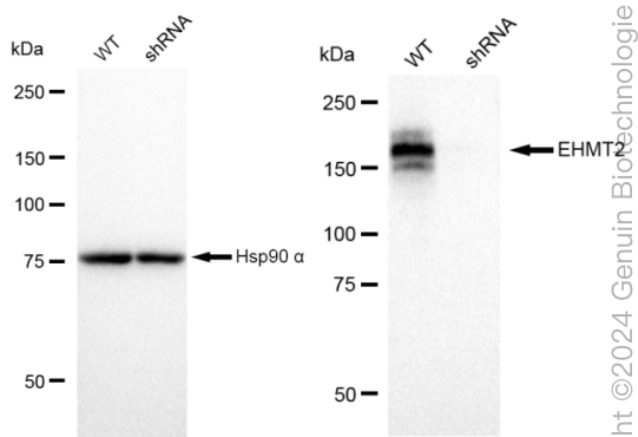
Name	KD-Validated Anti-EHMT2 Rabbit Monoclonal Antibody
Accession(Primary)	Q96KQ7
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human EHMT2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 132 kDa; Observed, 160-170 kDa
Storage Buffer	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)

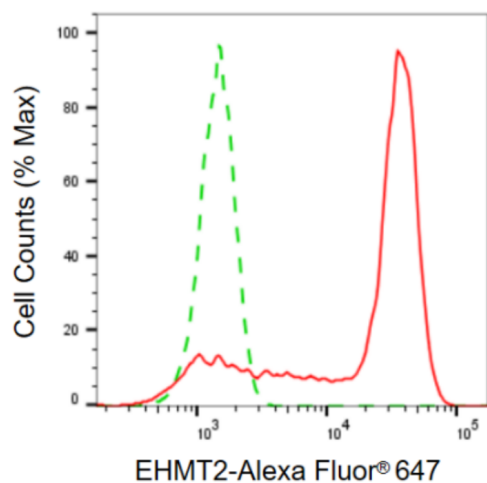
Gene Name	EHMT2
About Gene Symbol	EHMT2 (Euchromatic Histone Lysine Methyltransferase 2) is a histone methyltransferase involved in chromatin remodeling and epigenetics. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to



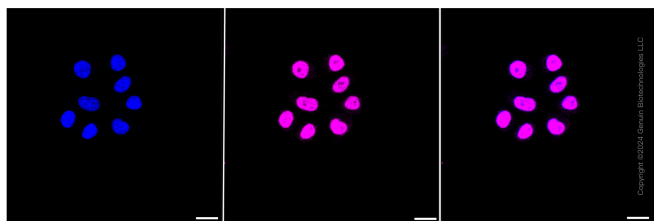
Western blotting analysis using anti-EHMT2 antibody (Cat#ABG2322). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EHMT2 antibody (Cat#ABG2322, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-EHMT2 antibody (Cat#ABG2322). EHMT2 expression in wild type (WT) and EHMT2 shRNA knockdown (KD) HeLa cells with 30 μ g 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.



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



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 μ m.