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

KD-Validated Anti-Protein arginine methyltransferase 7 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1273

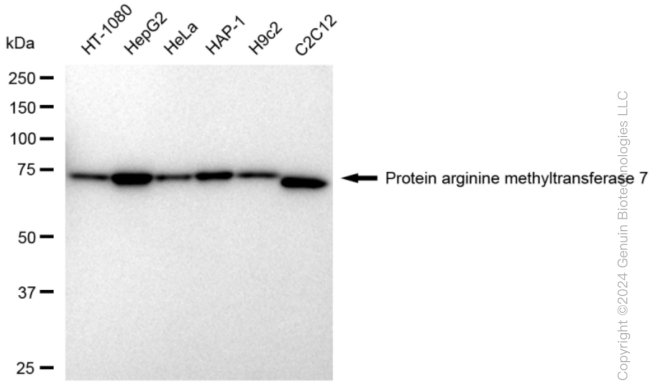
Product Overview

Name	KD-Validated Anti-Protein arginine methyltransferase 7 Rabbit Monoclonal Antibody
Accession(Primary)	Q9NVM4
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PRMT7
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 78 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): 1:1,000

Target information (Q9NVM4)

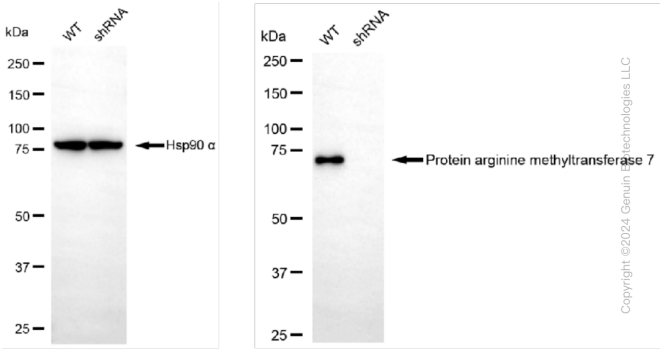
Gene Name	PRMT7
About Gene Symbol	PRMT7 (Protein Arginine Methyltransferase 7) is a methyltransferase involved in chromatin remodeling and epigenetics. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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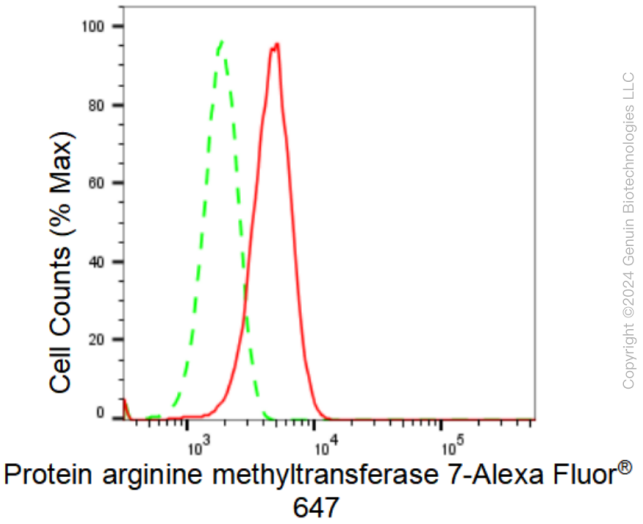
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Western blotting analysis using anti-Protein arginine methyltransferase 7 antibody (Cat#ABG1273). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Protein arginine methyltransferase 7 antibody (Cat#ABG1273, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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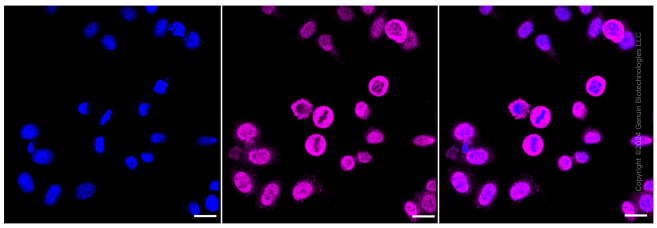
Western blotting analysis using anti-Protein arginine methyltransferase 7 antibody (Cat#ABG1273). Protein arginine methyltransferase 7 expression in wild type (WT) and protein arginine methyltransferase 7 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Protein arginine methyltransferase 7 antibody (Cat#ABG1273, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Protein arginine methyltransferase 7 expression in HepG2 cells using Protein arginine methyltransferase 7 antibody (Cat#ABG1273, 1:2,000). Green, isotype control; red, Protein arginine methyltransferase 7.

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Immunocytochemical staining of HepG2 cells with Protein arginine methyltransferase 7 antibody (Cat#ABG1273, 1:1,000). Nuclei were stained blue with DAPI; Protein arginine methyltransferase 7 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.