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

KD-Validated Anti-PRMT5 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1630

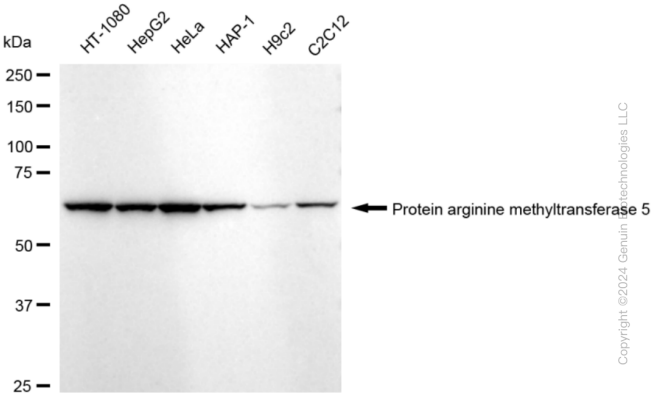
Product Overview

Name	KD-Validated Anti-PRMT5 Rabbit Monoclonal Antibody
Accession(Primary)	O14744
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PRMT5
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 73 kDa , observed , 73 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:2,000-1:10,000 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry(FCM):1:2,000

Target information (O14744)

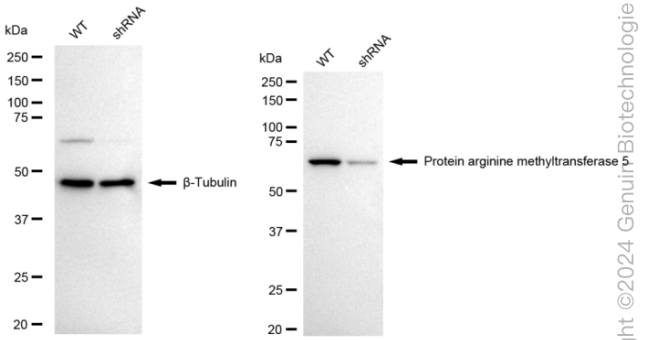
Gene Name	PRMT5
About Gene Symbol	PRMT5 (Protein Arginine Methyltransferase 5) is a methyltransferase involved in chromatin remodeling and epigenetics. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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



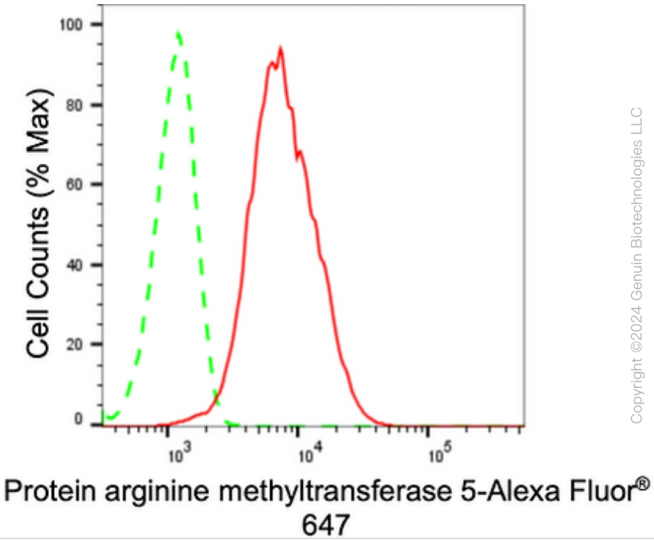
Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-Protein arginine methyltransferase 5 antibody (Cat#ABG1630). 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 5 antibody (Cat#ABG1630, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



ght ©2024 GenuinBiotechnologie

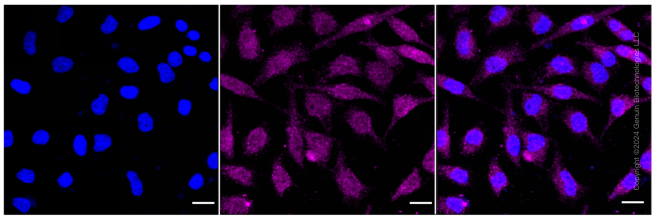
Western blotting analysis using anti-protein arginine methyltransferase 5 antibody (Cat#ABG1630). Protein arginine methyltransferase 5 expression in wild-type (WT) and protein arginine methyltransferase 5 (PRMT5) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-protein arginine methyltransferase 5 antibody (Cat#ABG1630, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of Protein arginine methyltransferase 5 expression in HeLa cells using Protein arginine methyltransferase 5 antibody (Cat#ABG1630, 1:2,000). Green, isotype control; red, Protein arginine methyltransferase 5.

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



Immunocytochemical staining of Hela cells with anti-Protein arginine methyltransferase 5 antibody (Cat#ABG1630, 1:1,000). Nuclei were stained blue with DAPI; Protein arginine methyltransferase 5 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.