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[KD-Validated] Anti-PRMT5 Rabbit Monoclonal Antibody

Cat No.: KD-10735

Aliases:

Protein Arginine Methyltransferase 5; SKB1Hs; HRMT1L5; SKB1; Histone-Arginine N-Methyltransferase PRMT5; Protein Arginine N-Methyltransferase 5; Shk1 Kinase-Binding Protein 1 Homolog; 72 KDa ICln-Binding Protein; Jak-Binding Protein 1; SKB1 Homolog; IBP72; JBP1; HMT1 HnRNP Methyltransferase-Like 5; Skb1 (S. Pombe) Homolog; SKB1 Homolog (S. Pombe); EC 2.1.1.320; HSL7

Background:

UniProt Entry: [O14744](#);NCBI Gene Entry: [10419](#)

Application Information

Molecular Weight: Predicted, 73 kDa, observed, 73 kDa Clonality: Rabbit monoclonal antibody Clone ID: 24GB845 Species Reactivity: Human, Mouse, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human PRMT5

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

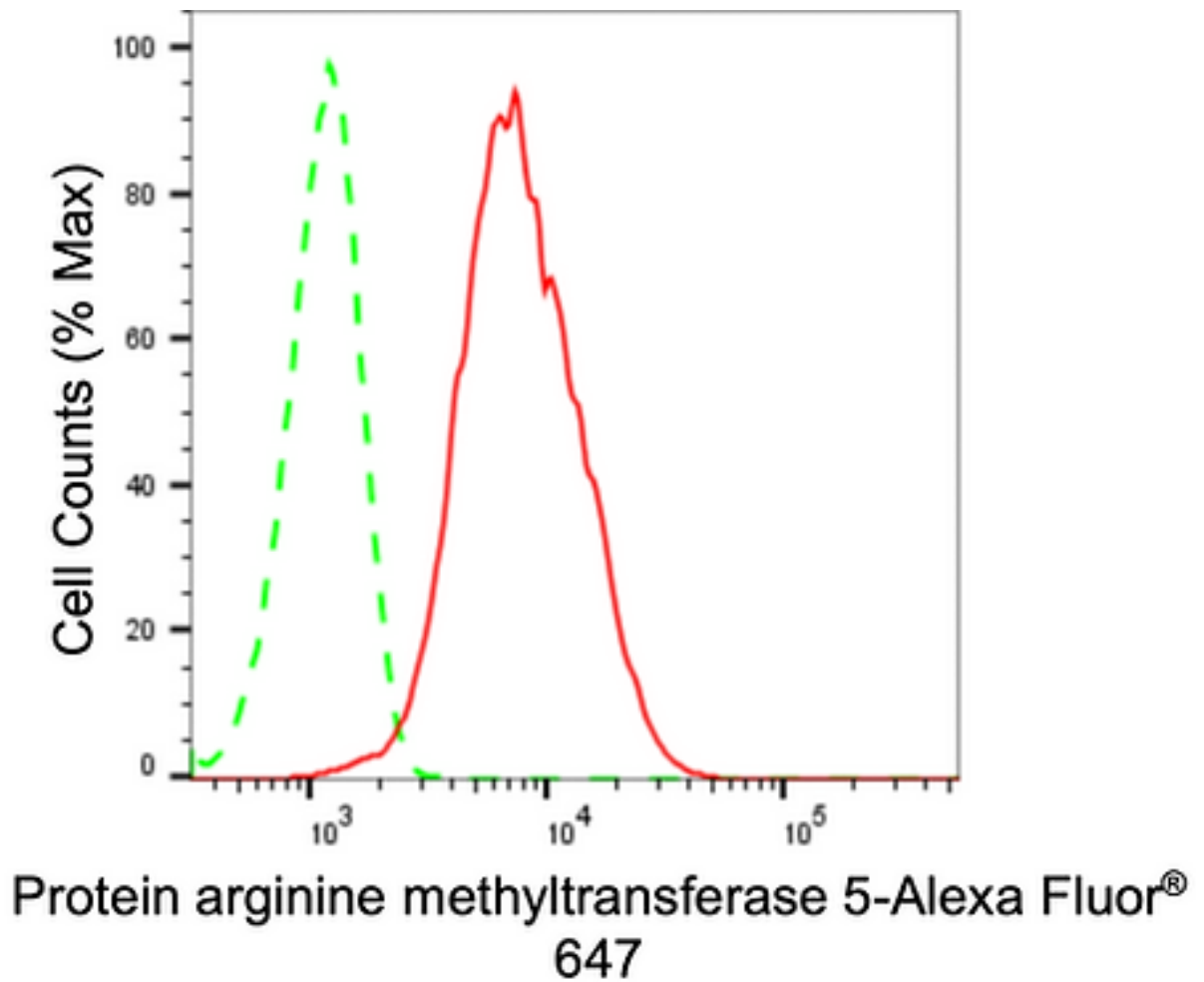
Store at -20 °C for one year.

Recommended Dilutions

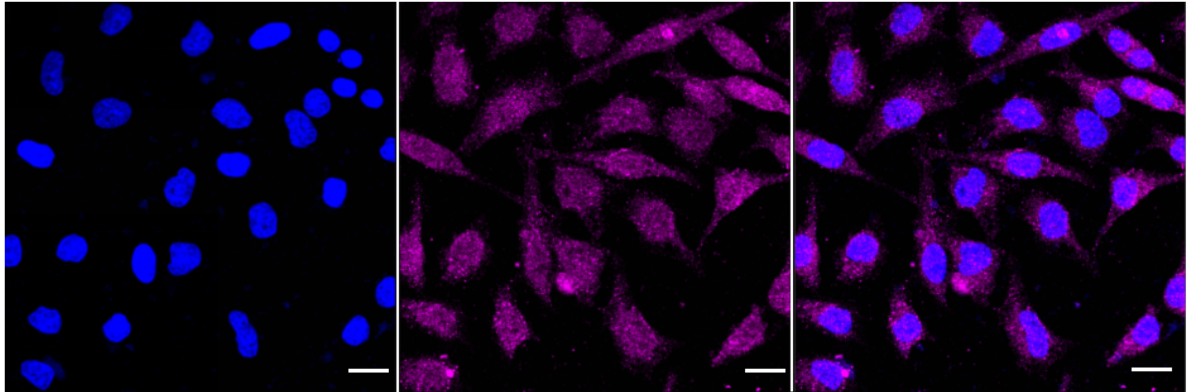
Western Blotting (WB): 1:2,000-1:10,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

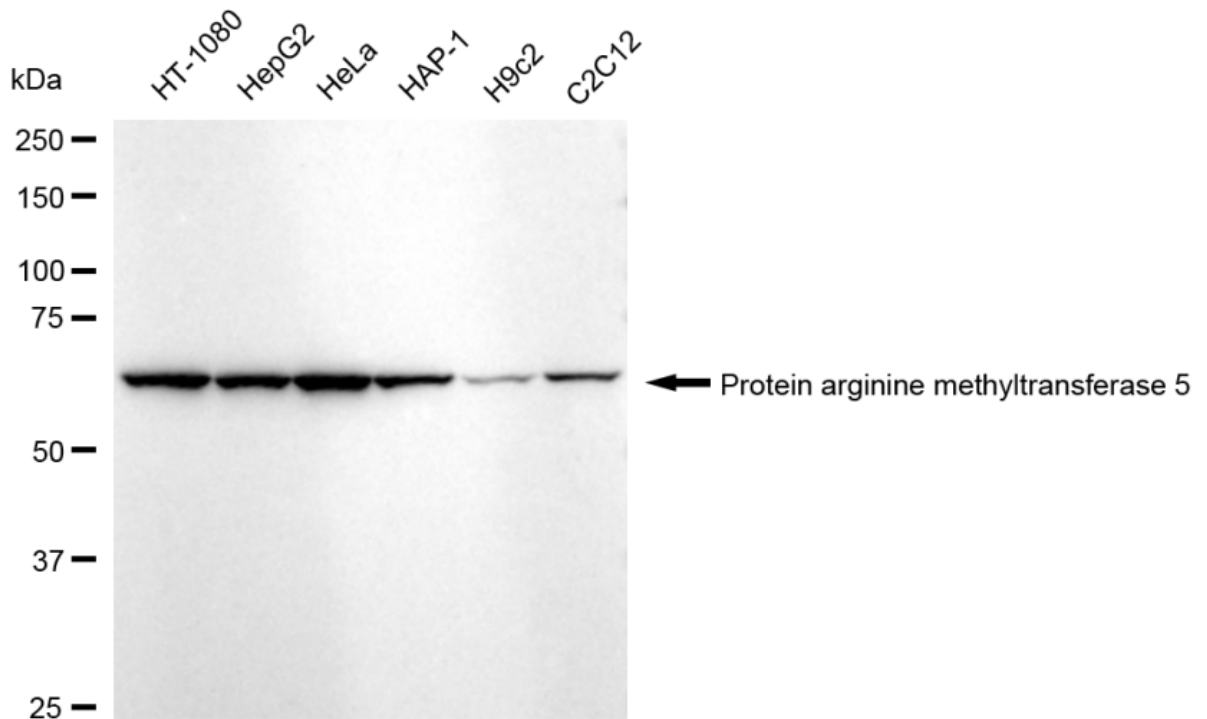
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



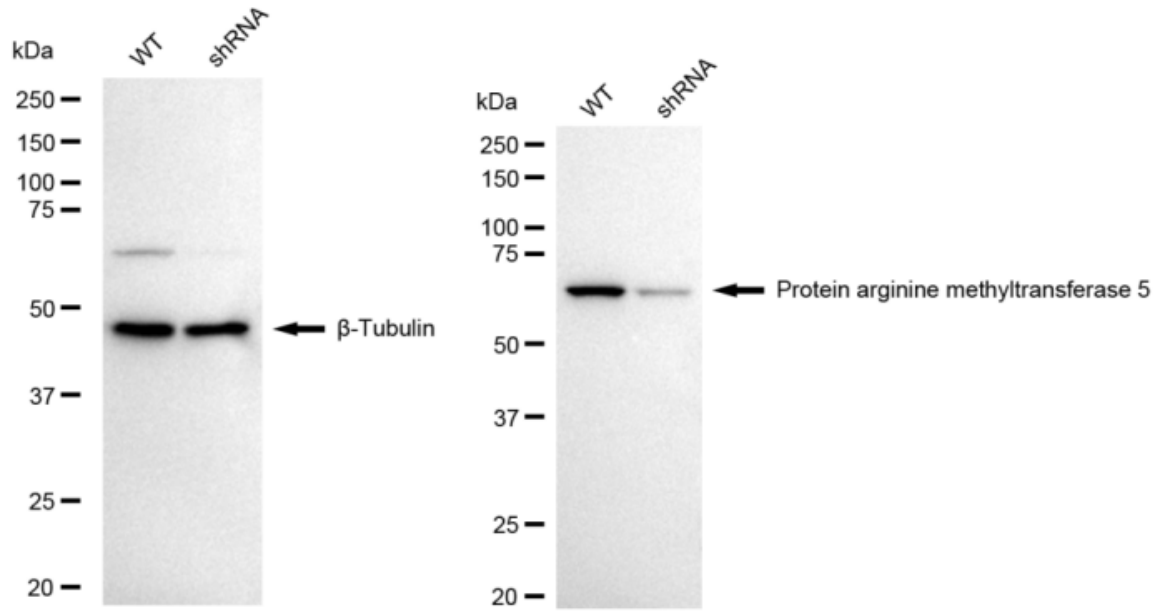
Flow cytometric analysis of Protein arginine methyltransferase 5 expression in HeLa cells using Protein arginine methyltransferase 5 antibody 1:2,000. Green, isotype control; red, Protein arginine methyltransferase 5.



Immunocytochemical staining of HeLa cells with anti-Protein arginine methyltransferase 5 antibody 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 μ m.



Western blotting analysis using anti-Protein arginine methyltransferase 5 antibody 1:10,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-protein arginine methyltransferase 5 antibody 1:10,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using NaQ™ ECL Substrate Kit .