

KD-Validated Anti-Spermine synthase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

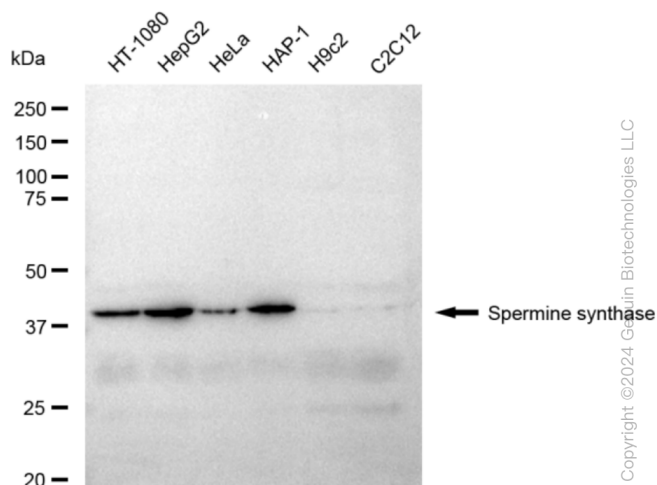
ABG1463

Product Overview

Name	KD-Validated Anti-Spermine synthase Rabbit Monoclonal Antibody
Accession(Primary)	P52788
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Spermine synthase
Species Reactivity	Human
Calculated MW	Predicted, 41 kDa , observed, 41 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

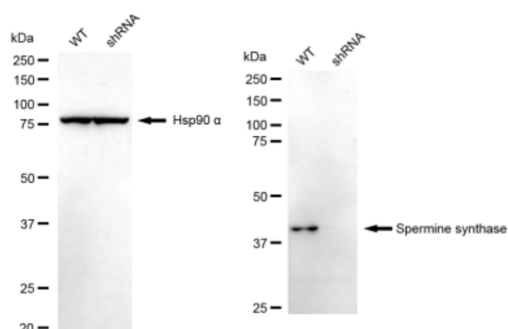
Target information (P52788)

Gene Name	SMS
About Gene Symbol	SMS (Spermine Synthase) is a biosynthetic enzyme involved in cellular metabolism. 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.



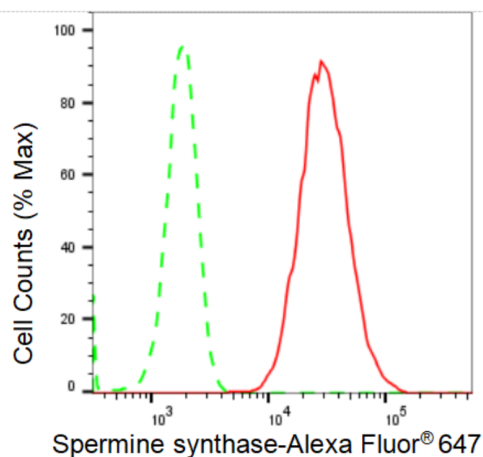
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Western blotting analysis using anti-Spermine synthase antibody (Cat#ABG1463). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Spermine synthase antibody (Cat#ABG1463, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



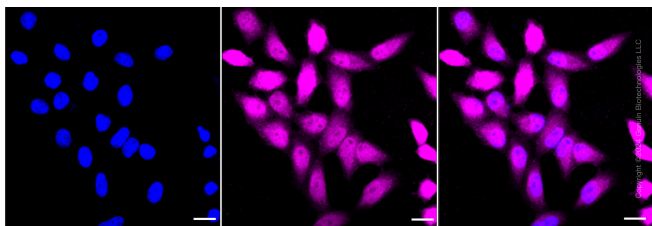
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Western blotting analysis using anti-Spermine synthase antibody (Cat#ABG1463). Spermine synthase expression in wild type (WT) and Spermine synthase shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Spermine synthase antibody (Cat#ABG1463, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Spermine synthase expression in HepG2 cells using Spermine synthase antibody (Cat#ABG1463, 1:2,000). Green, isotype control; red, Spermine synthase



Immunocytochemical staining of HepG2 cells with Spermine synthase antibody (Cat#ABG1463, 1:1,000). Nuclei were stained blue with DAPI; Spermine synthase 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.