9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-SBDS Ribosome MatuRation Factor Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1373

Product Overview

Name	KD-Validated Anti-SBDS Ribosome MatuRation Factor Rabbit Monoclonal Antibody
Accession(Primary)	Q9Y3A5
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human SBDS
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 29 kDa; observed, 29 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q9Y3A5)

Gene Name	SBDS
About Gene Symbol	SBDS (SBDS Ribosome Maturation Factor) is a protein kinase and signaling regulator involved in translational regulation. 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.

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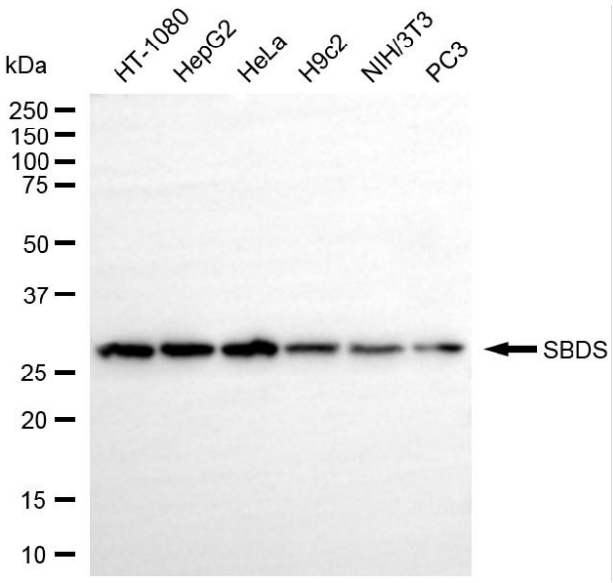

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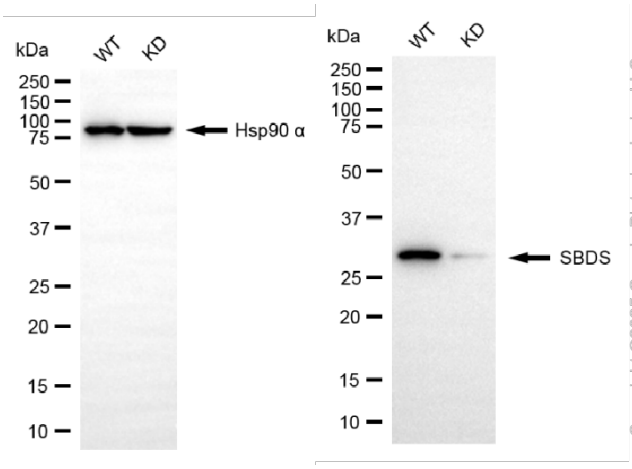
Western blotting analysis using anti-SBDS antibody (Cat#ABG1373). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SBDS antibody (Cat#ABG1373, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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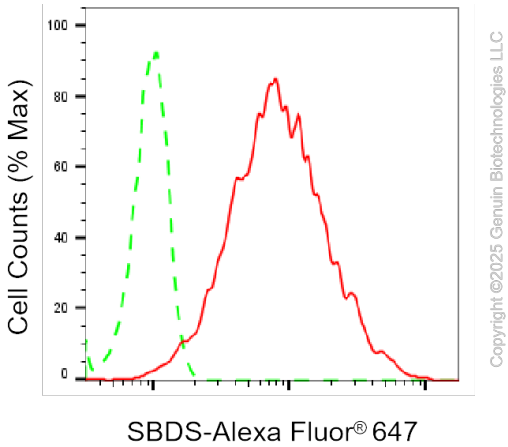
Western blotting analysis using anti-SBDS antibody (Cat#ABG1373). SBDS expression in wild-type (WT) and SBDS knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-SBDS antibody (Cat#ABG1373, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of SBDS expression in HepG2 cells using anti-SBDS antibody (Cat#ABG1373, 1:2,000). Green, isotype control; red, SBDS.

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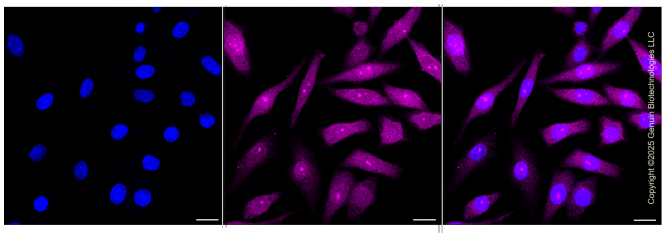

Immunocytochemical staining of HepG2 cells with anti-SBDS antibody (Cat#ABG1373, 1:1,000). Nuclei were stained blue with DAPI; SBDS was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.