9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-SUMO Specific Peptidase 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1432

Product Overview

Name	KD-Validated Anti-SUMO Specific Peptidase 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q9P0U3
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human SENP1
Species Reactivity	Human
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): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000

Target information (Q9P0U3)

Gene Name	SENP1
About Gene Symbol	SENP1 (SUMO Specific Peptidase 1) is a protease 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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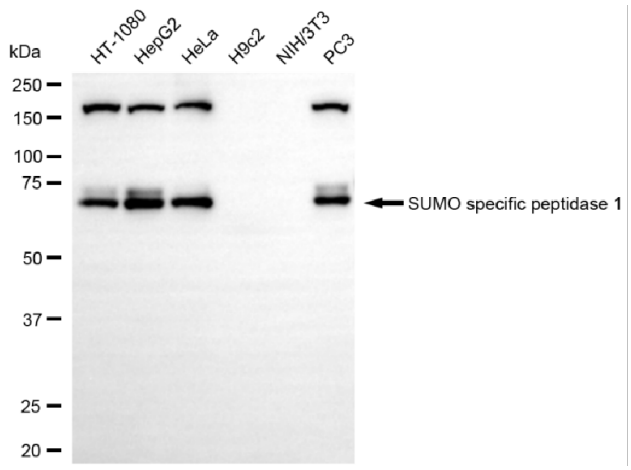

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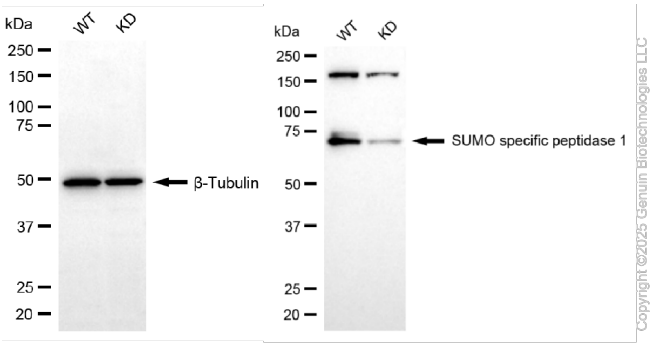
Western blotting analysis using anti-SUMO specific peptidase 1 antibody (Cat#ABG1432). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SUMO specific peptidase 1 antibody (Cat#ABG1432, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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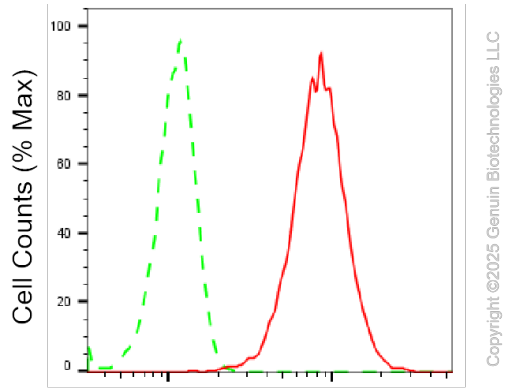
Western blotting analysis using anti-SUMO specific peptidase 1 antibody (Cat#ABG1432). SUMO specific peptidase 1 expression in wild-type (WT) and SUMO specific peptidase 1 (SENP1) knockdown (KD) HSHC cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-SUMO specific peptidase 1 antibody (Cat#ABG1432, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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SUMO specific peptidase 1-Alexa Fluor® 647

Flow cytometric analysis of SUMO specific peptidase 1 expression in HepG2 cells using anti-SUMO specific peptidase 1 antibody (Cat#ABG1432, 1:2,000). Green, isotype control; red, SUMO specific peptidase 1.