9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-SERPINB1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1945

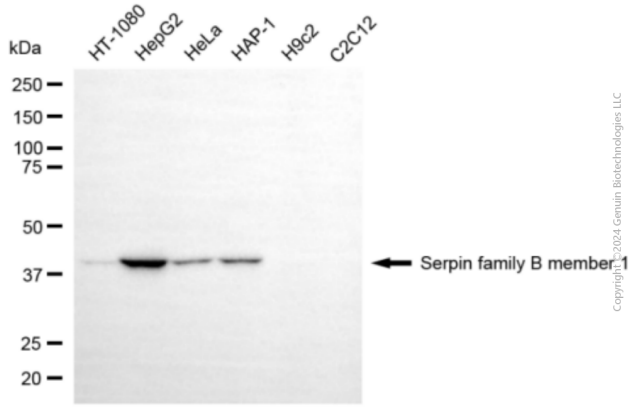
Product Overview

Name	KD-Validated Anti-SERPINB1 Mouse Monoclonal Antibody
Accession(Primary)	P30740
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human SERPINB1
Species Reactivity	Human
Calculated MW	Predicted, 43 kDa, observed, 40 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): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

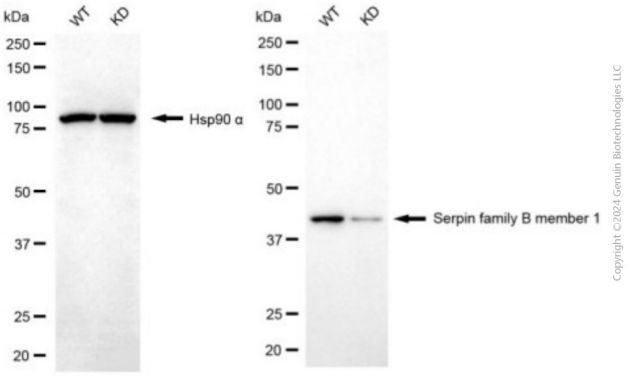
Target information (P30740)

Gene Name	SERPINB1
About Gene Symbol	SERPINB1 (Serpin Family B Member 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.

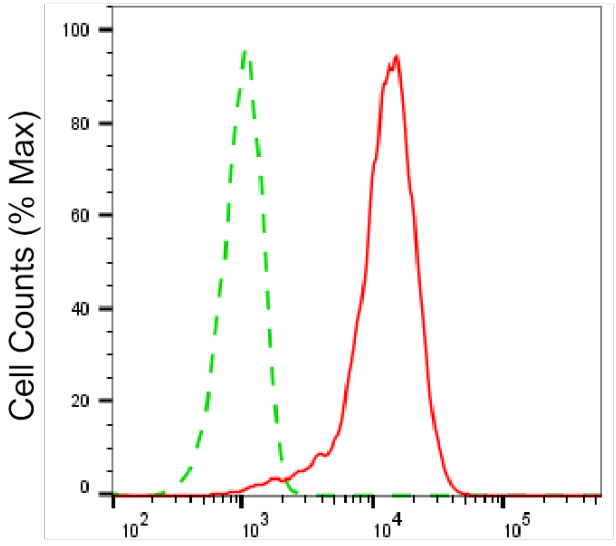
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Western blotting analysis using anti-serpin family B member 1 antibody (Cat#ABG1945). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-serpin family B member 1 antibody (Cat#ABG1945, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.

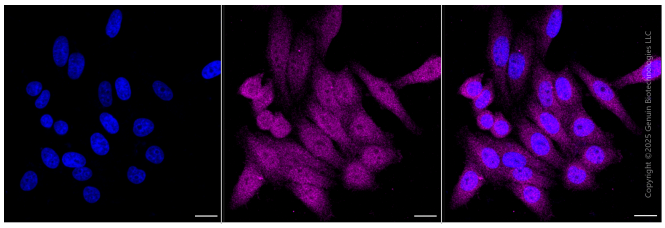


Western blotting analysis using anti-serpin family B member 1 antibody (Cat#ABG1945). Serpin family B member 1 expression in wild type (WT) and serpin family B member 1 (SERPINB1) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-serpin family B member 1 antibody (Cat#ABG1945, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of Serpin family B member 1 expression in HepG2 cells using anti-Serpin family B member 1 antibody (Cat#ABG1945, 1:2,000). Green, isotype control; red, Serpin family B member 1.

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Immunocytochemical staining of HepG2 cells with anti-Serpin family B member 1 antibody (Cat#ABG1945, 1:1,000). Nuclei were stained blue with DAPI; Serpin family B member 1 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.