9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Versican Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1743

Product Overview

Name	KD-Validated Anti-Versican Rabbit Monoclonal Antibody
Accession(Primary)	P13611
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Versican
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 373 kDa , observed , 373 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 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (P13611)

Gene Name	VCAN
About Gene Symbol	VCAN (Versican) is a transcription factor involved in Hedgehog signaling. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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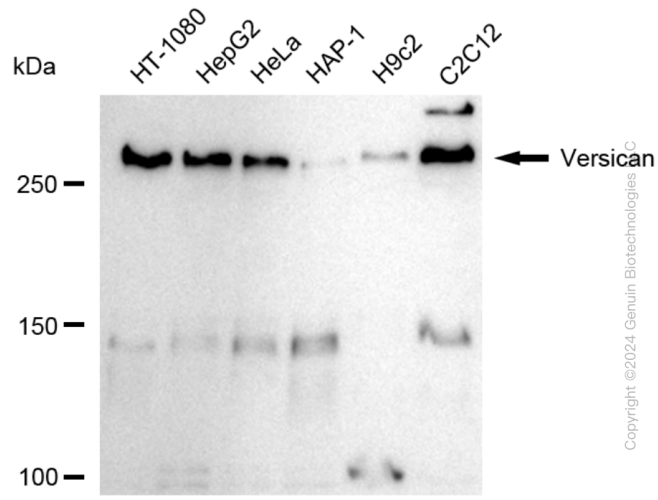
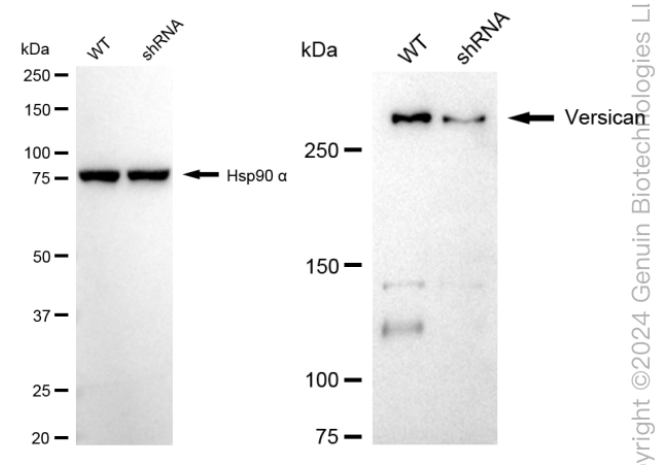
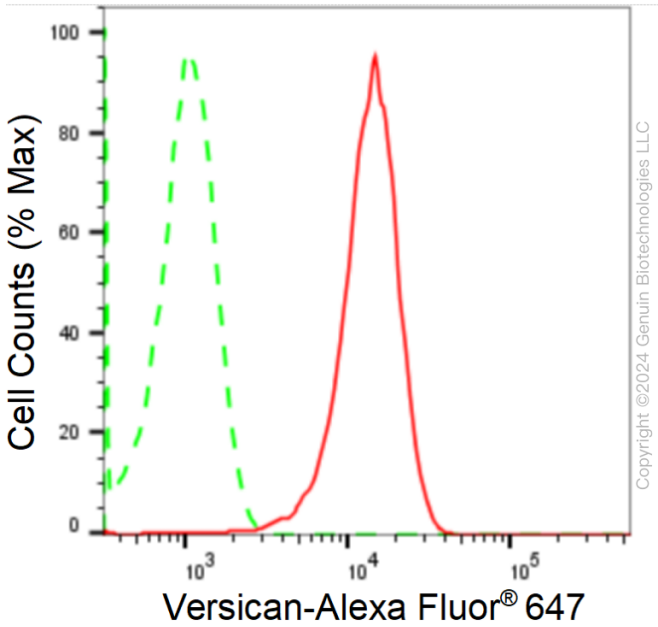


Western blotting analysis using anti-Versican antibody (Cat#ABG1743). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Versican antibody (Cat#ABG1743, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-versican antibody (Cat#ABG1743). Versican expression in wild-type (WT) and versican (VCAN) shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-versican antibody (Cat#ABG1743, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Versican expression in HepG2 cells using anti-Versican antibody (Cat#ABG1743, 1:2,000). Green, isotype control; red, Versican.

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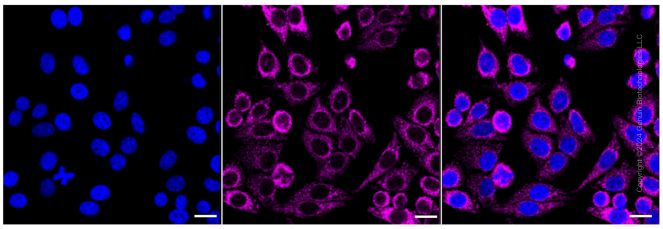

Immunocytochemical staining of HepG2 cells with anti-Versican antibody (Cat#ABG1743, 1:1,000). Nuclei were stained blue with DAPI; Versican was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.