

KD-Validated Anti-Vinculin Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

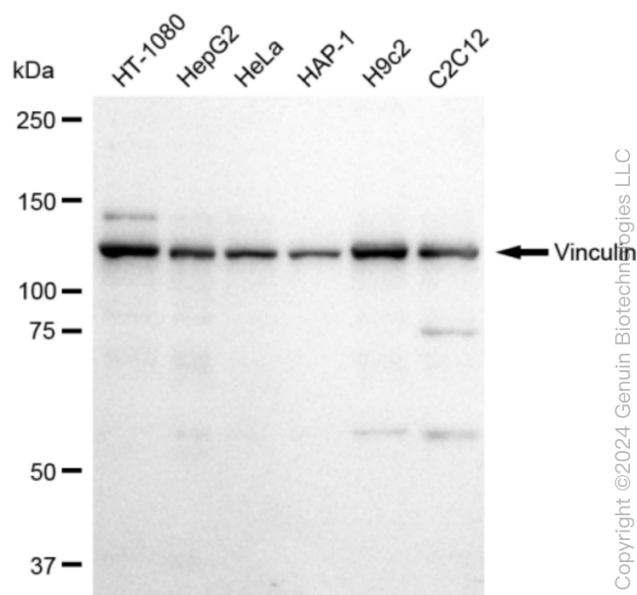
ABG1083

Product Overview

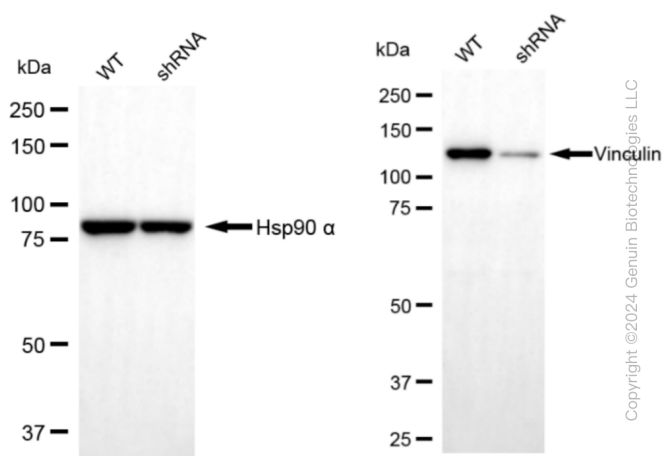
Name	KD-Validated Anti-Vinculin Rabbit Monoclonal Antibody
Accession(Primary)	P18206
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Vinculin
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 124 kDa, observed, 124 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:4,000-1:20,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P18206)

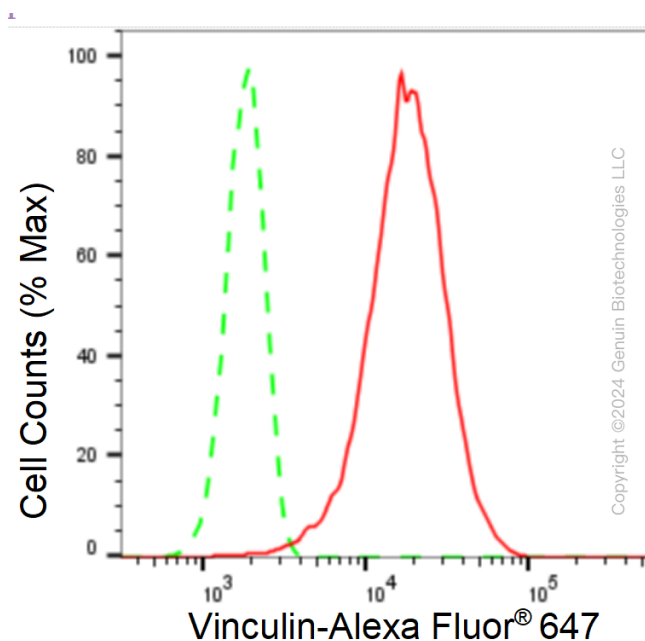
Gene Name	VCL
About Gene Symbol	VCL (Vinculin) is a structural cytoskeletal protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



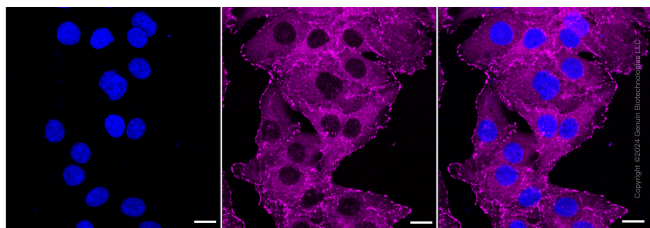
Western blotting analysis using anti-Vinculin antibody (Cat#ABG1083). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Vinculin antibody (Cat#ABG1083, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Vinculin antibody (Cat#ABG1083). Vinculin expression in wild type (WT) and Vinculin shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Vinculin antibody (Cat#ABG1083, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Vinculin expression in HT-1080 cells using Vinculin antibody (Cat#ABG1083, 1:2,000). Green, isotype control; red, Vinculin.



Immunocytochemical staining of HT-1080 cells with Vinculin antibody (Cat#ABG1083, 1:1,000). Nuclei were stained blue with DAPI; Vinculin was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.