Anti-Vinculin Recombinant Rabbit Monoclonal Antibody

Catalog #: 4060

Aliases

VCL; Vinculin; Metavinculin; VINC; MV; Epididymis Secretory Sperm Binding Protein; Epididymis Luminal Protein 114; Meta-Vinculin; HEL114; CMD1W; CMH15; MVCL

Background

Gene Name: VCL
NCBI Gene Entry: 7414
UniProt Entry: P18206

Application Information

Molecular Weight: Predicted, 124 kDa; observed, 124 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB9390
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Vinculin

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:4,000-1:20,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

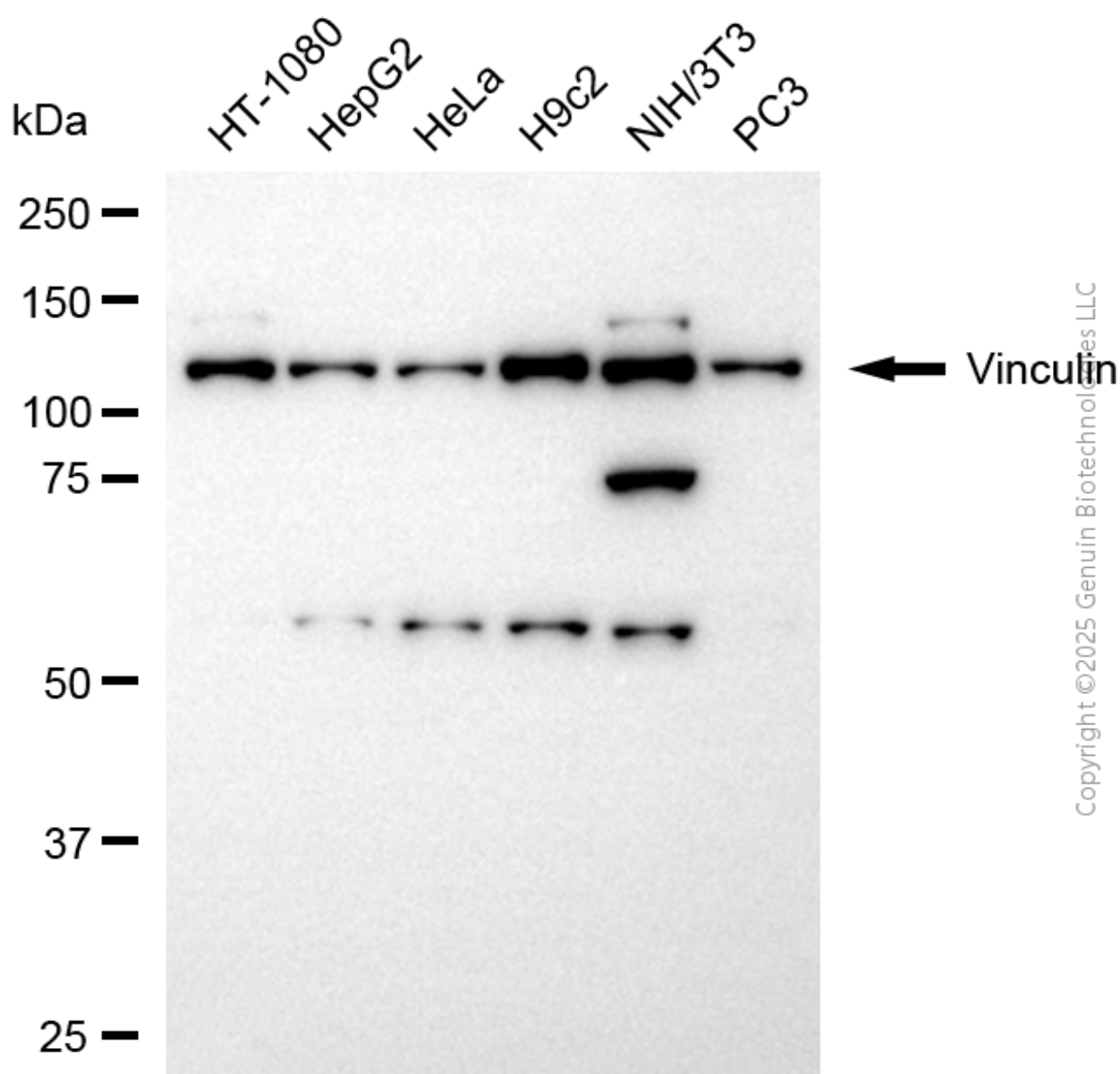**Note:** This product is for research use only.

Validation Data
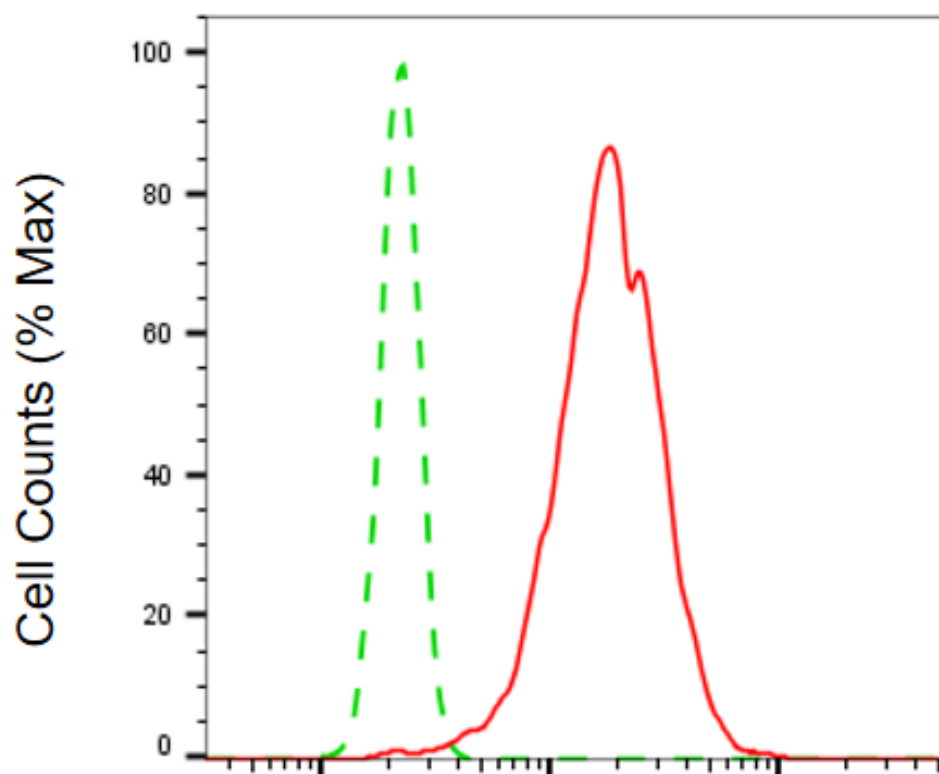
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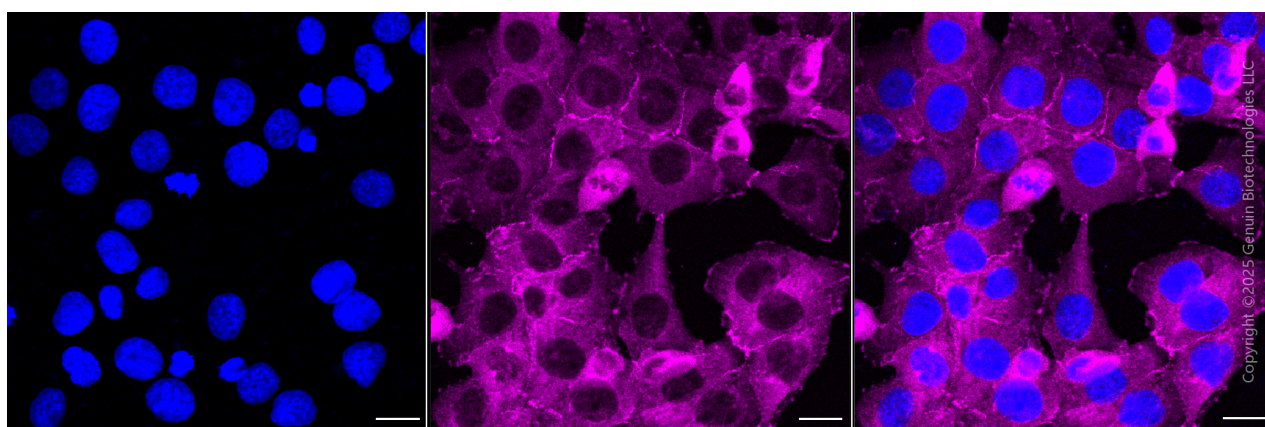
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Western blotting analysis using anti-vinculin antibody (Cat#4060). Total cell lysates (20 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-vinculin antibody (Cat#4060, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

Flow cytometric analysis of Vinculin expression in HT-1080 cells using anti-Vinculin antibody (Cat#4060, 1:2,000). Green, isotype control; red, Vinculin.

Immunocytochemical staining of HT-1080 cells with anti-Vinculin antibody (Cat#4060, 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 μm.

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