

Catalog #: 2882

Aliases

VTN; Vitronectin; VN; Serum Spreading Factor; Complement S-Protein; Somatomedin B; V75; Vitronectin (Serum Spreading Factor, Somatomedin B, Complement S-Protein); Serum-Spreading Factor; S-Protein; Epibolin; VNT

Background

Gene Name: VTN

NCBI Gene Entry: [7448](#)

UniProt Entry: [P04004](#)

Application Information

Molecular Weight: Predicted, 54 kDa; observed, 65 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB2985

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Vitronectin

Isotype

Mouse IgM

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): 1:2,500-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

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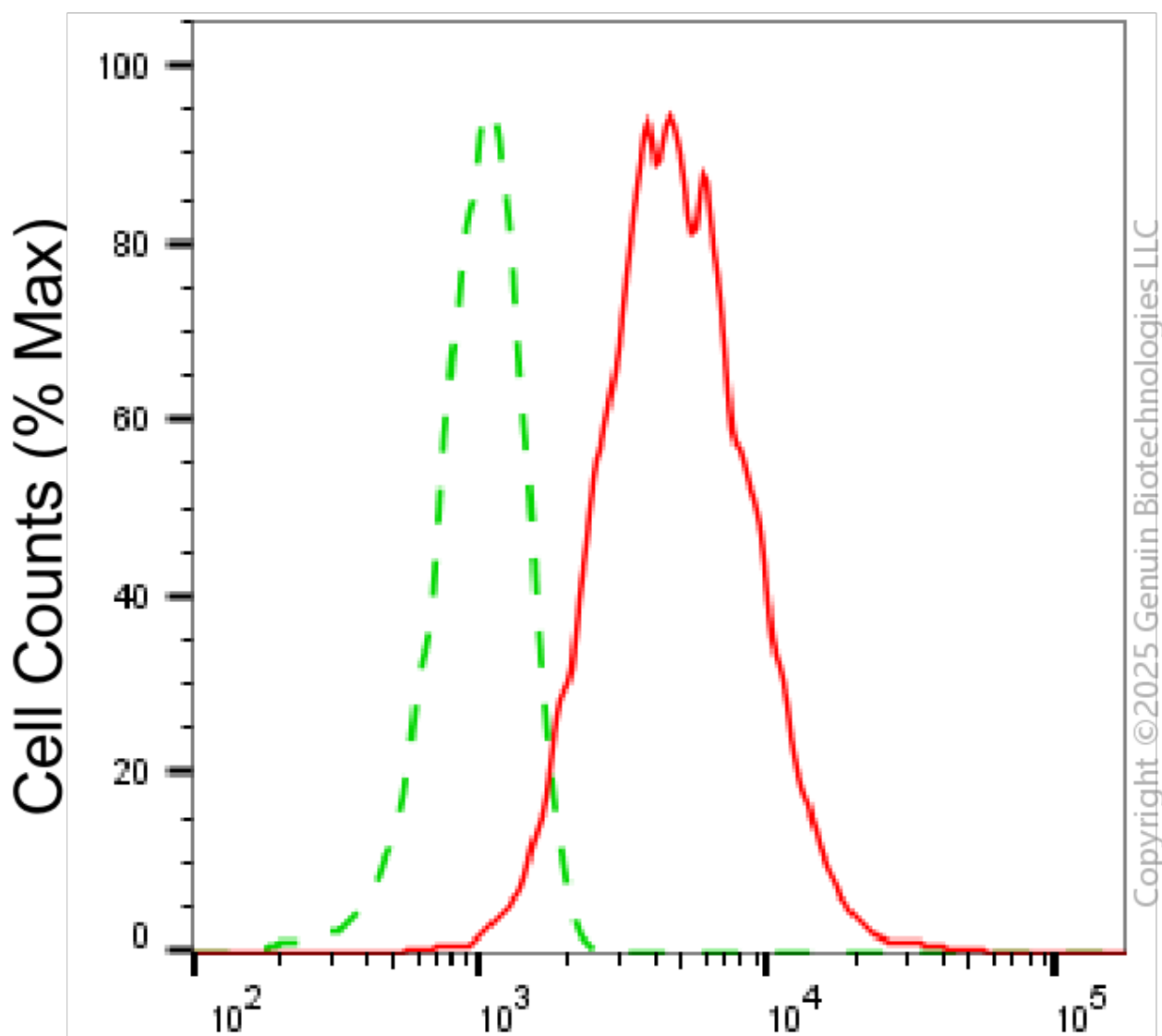
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Validation Data



Vitronectin-Alexa Fluor® 647

Flow cytometric analysis of Vitronectin expression in HT-1080 cells using anti-Vitronectin antibody (Cat#2882, 1:2,000). Green, isotype control; red, Vitronectin.

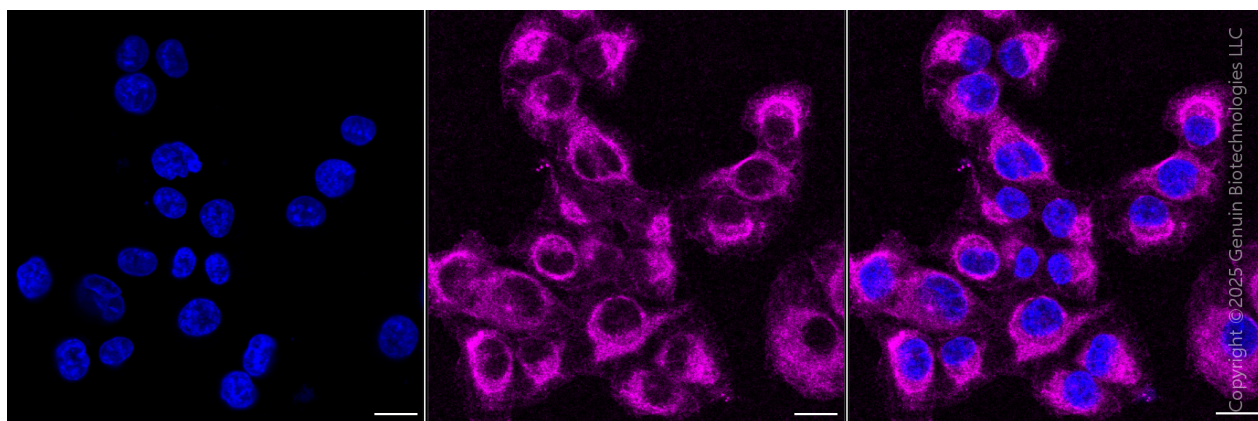
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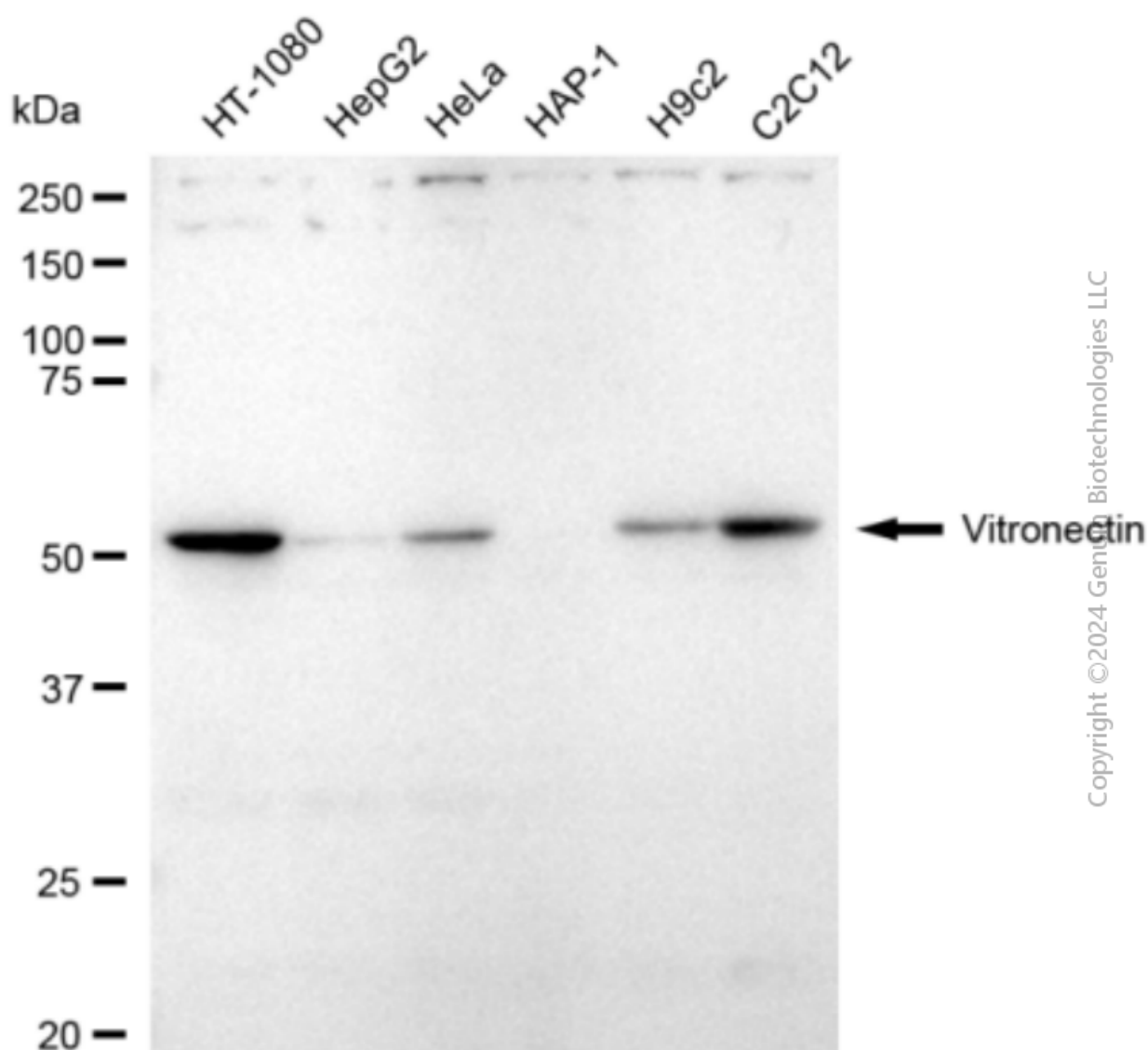
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Immunocytochemical staining of HepG2 cells with anti-Vitronectin antibody(Cat#2882, 1:1,000) . Nuclei were stained blue with DAPI; Vitronectin was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain:Low. Scale bar, 20 μ m.



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Western blotting analysis using anti-vitronectin antibody (Cat#2882). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-vitronectin antibody (Cat#2882, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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