

Anti-Integrin alpha 5 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4263

Aliases

CD49e; FNRA; Integrin, Alpha 5 (Fibronectin Receptor, Alpha Polypeptide); Fibronectin Receptor, Alpha Polypeptide; Fibronectin Receptor Subunit Alpha; CD49 Antigen-Like Family Member E; Integrin Alpha-5; Integrin Alpha-F; VLA-5; Very Late Activation Protein 5, Alpha Subunit; Fibronectin Receptor, Alpha Subunit; ITGA5/SLC9B1 Fusion; CD49e Antigen; VLA5A

Background

Gene Name: ITGA5

NCBI Gene Entry: [3678](#)

UniProt Entry: [P08648](#)

Application Information

Molecular Weight: Predicted, 115 kDa; observed, 150 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10345

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human integrin alpha 5

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): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

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

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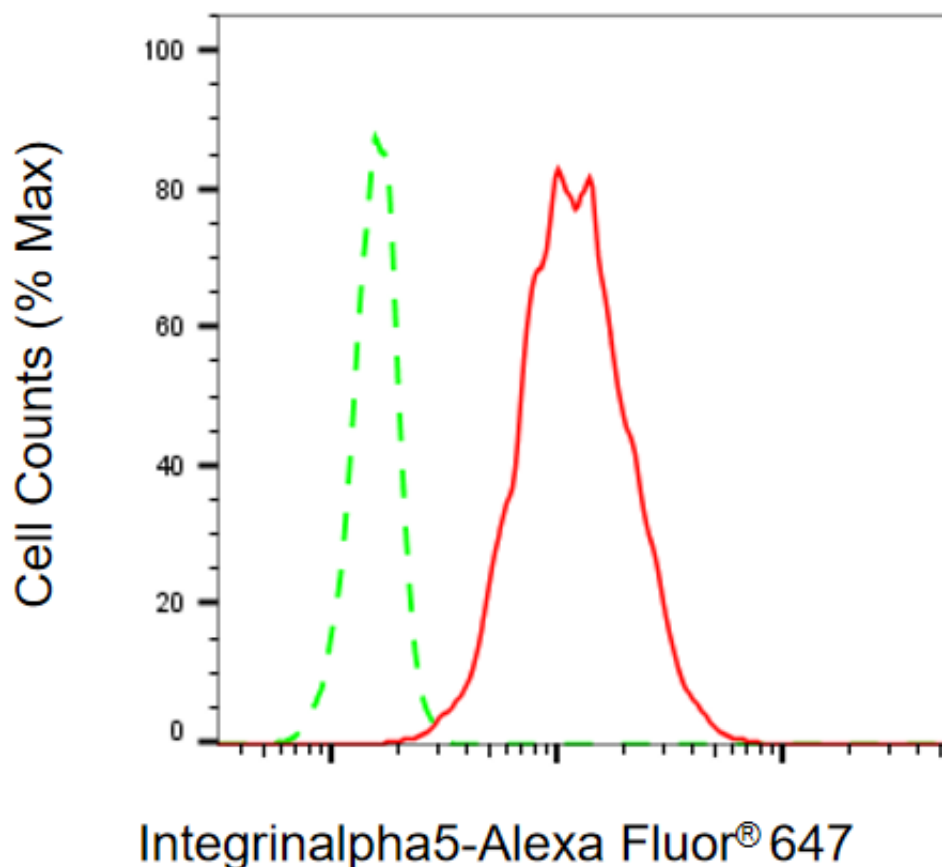
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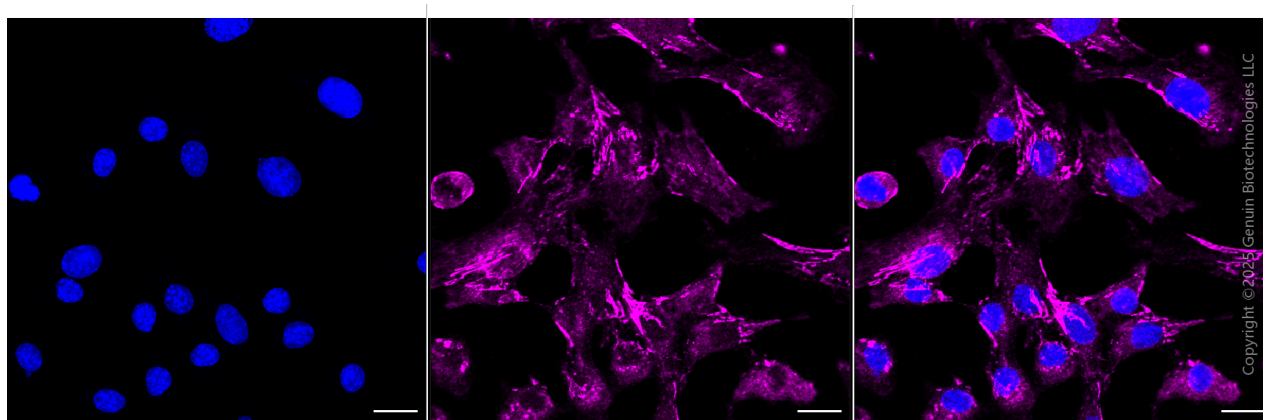
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Validation Data



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Flow cytometric analysis of Integrin alpha 5 expression in C2C12 cells using anti-Integrin alpha 5 antibody (Cat#4263, 1:2,000). Green, isotype control; red, Integrin alpha 5.



Immunocytochemical staining of C2C12 cells with anti-Integrin alpha 5 antibody (Cat#4263,

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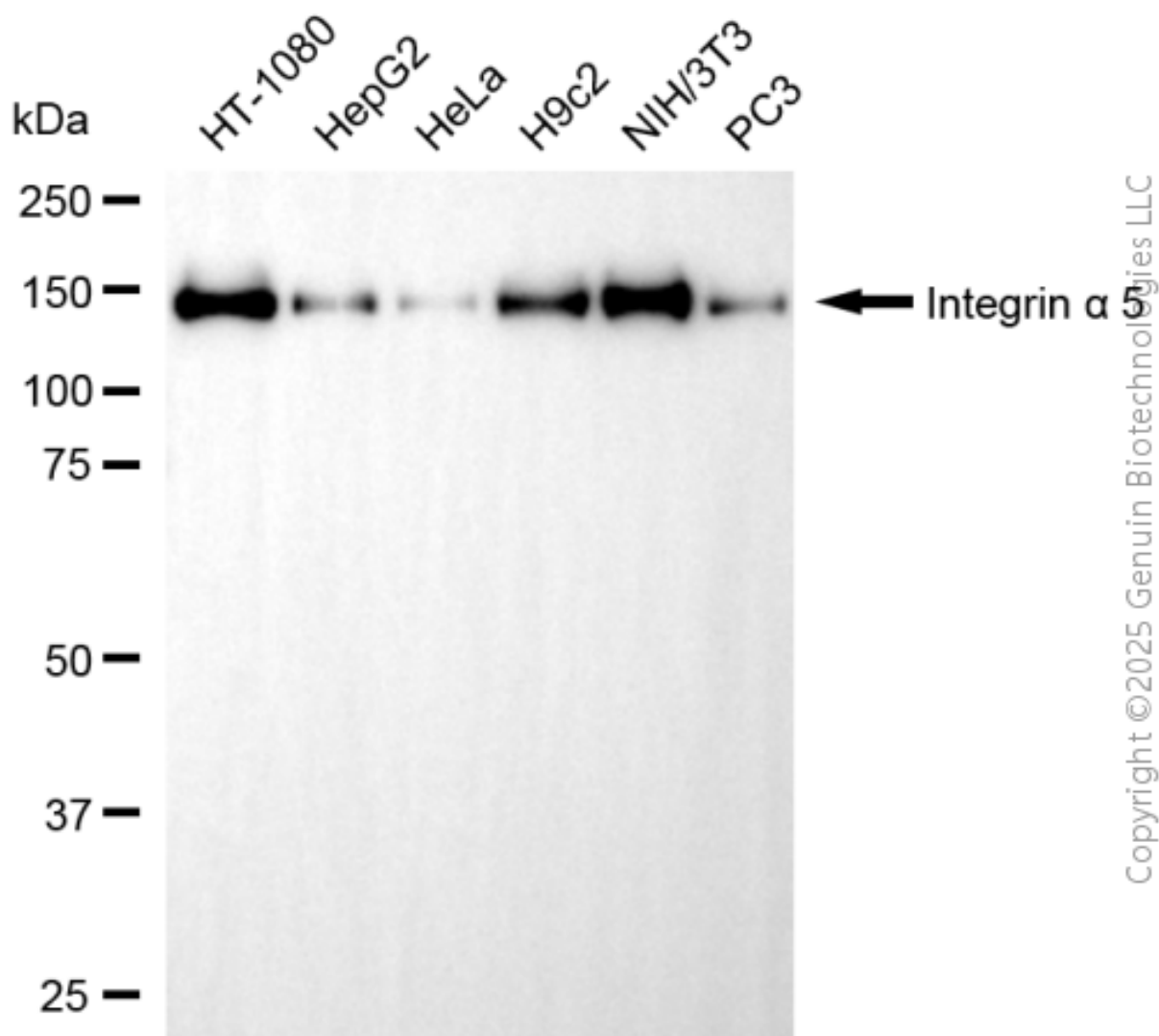
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1:1,000). Nuclei were stained blue with DAPI; Integrin alpha 5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Western blotting analysis using anti-integrin alpha 5 antibody (Cat#4263). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-integrin alpha 5 antibody (Cat#4263, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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