KD-Validated Anti-ITGB5 Rabbit Monoclonal Antibody

Catalog #: 65576

Aliases

ITGB5; Integrin Subunit Beta 5; Integrin Beta-5; Testis Secretory Sperm-Binding Protein Li 217p; Integrin, Beta 5

Background

Gene Name: ITGB5
NCBI Gene Entry: 3693
UniProt Entry: P18084

Application Information

Molecular Weight: Predicted, 88 kDa; observed, 73-100 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 25GB4340
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

Recombinant protein of human ITGB5

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): 1:200-1:2,000

Note: This product is for research use only.

Validation Data

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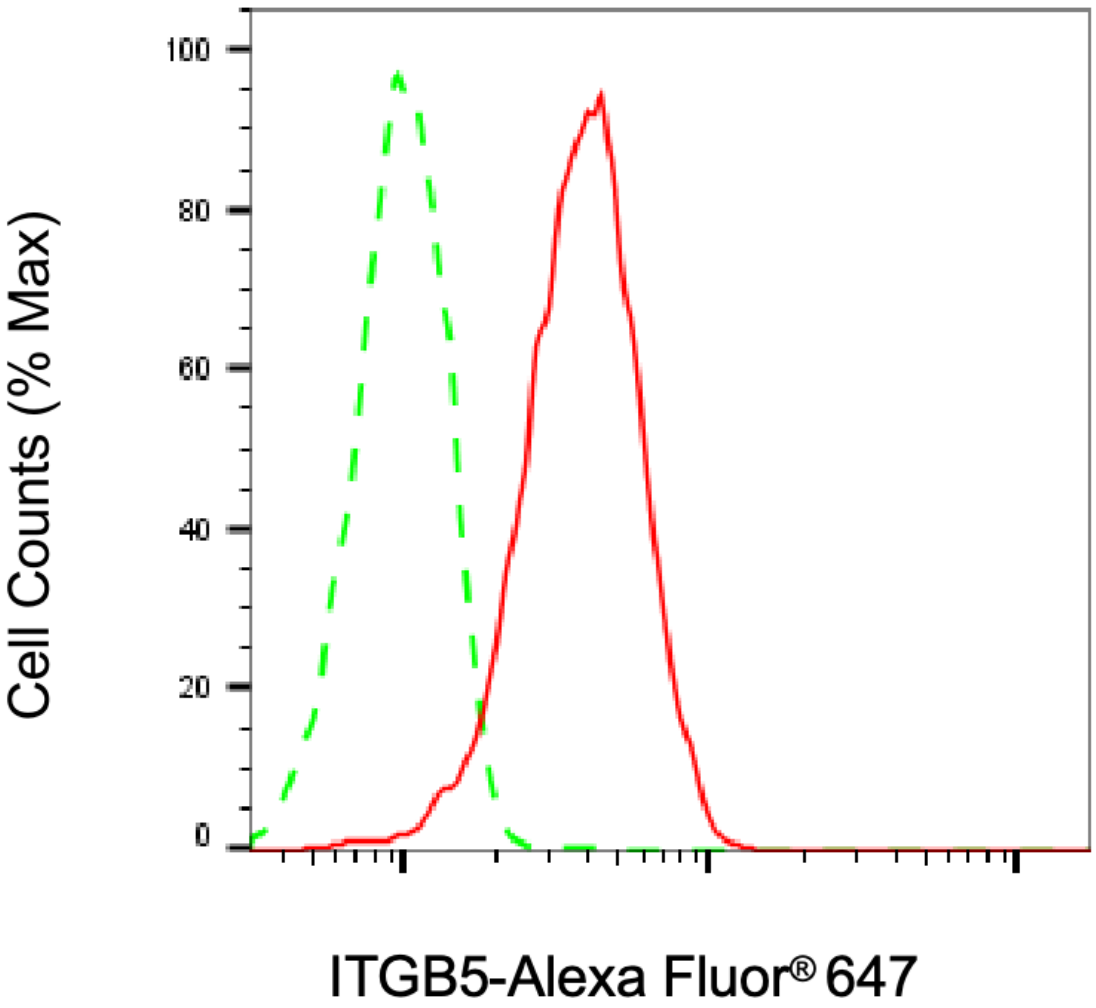

Flow cytometric analysis of ITGB5 expression in HepG2 cells using anti-ITGB5 antibody (Cat#65576, 1:2,000). Green, isotype control; red, ITGB5.

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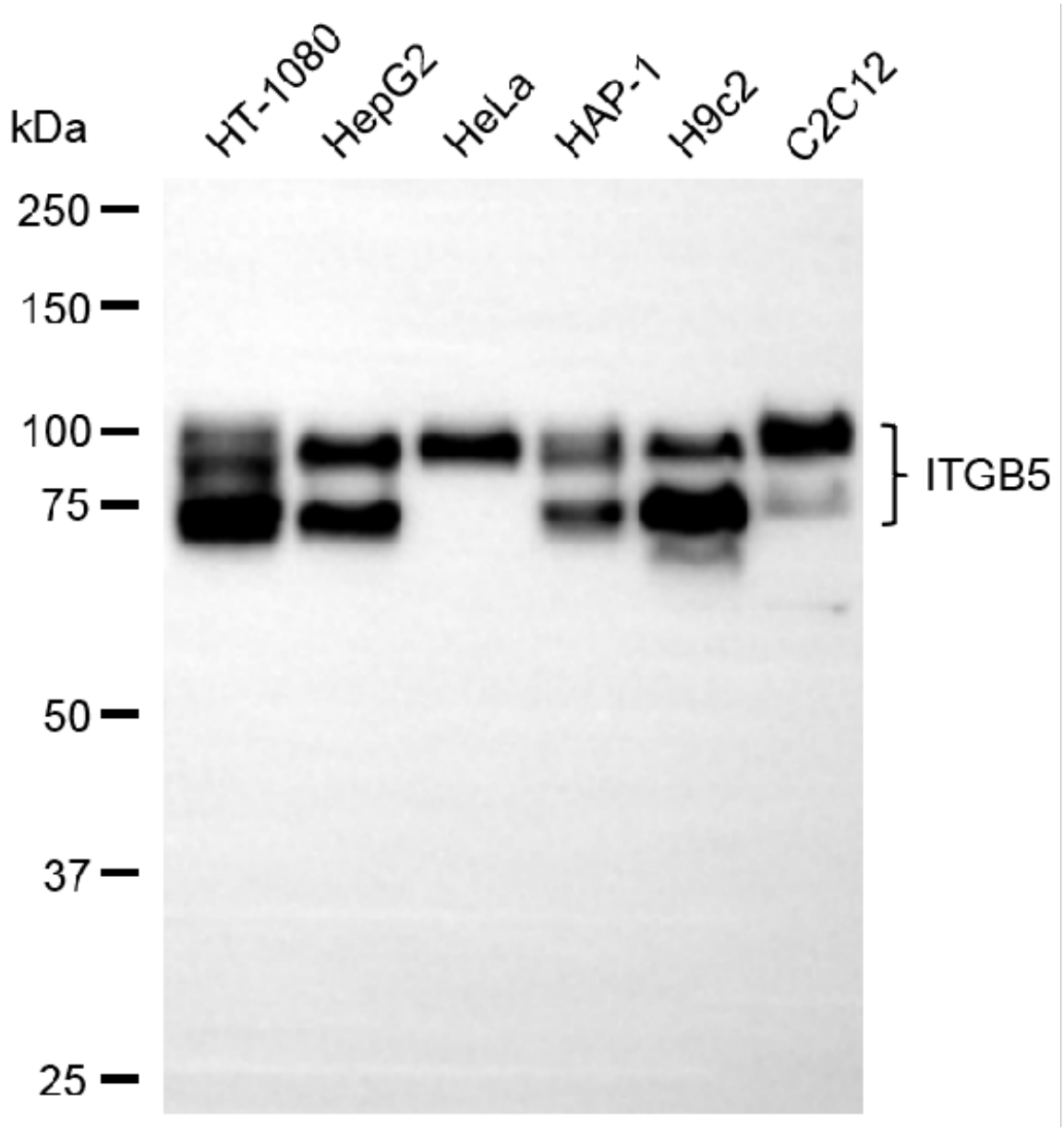

Western blotting analysis using anti-ITGB5 antibody (Cat#65576). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ITGB5 antibody (Cat#65576, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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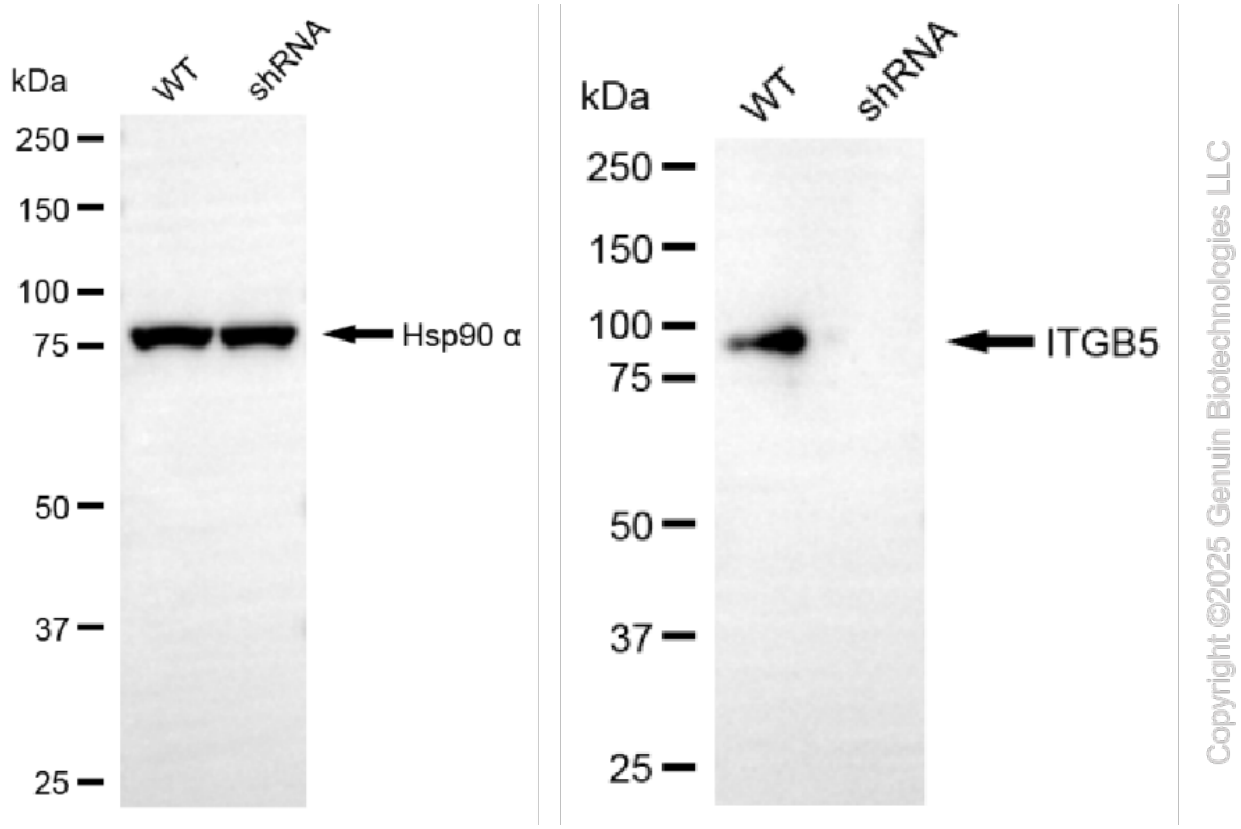

Western blotting analysis using anti-ITGB5 antibody (Cat#65576). ITGB5 expression in wild-type (WT) and ITGB5 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ITGB5 antibody (Cat#65576, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).