

KD-Validated Anti-CD97 Recombinant Rabbit Monoclonal Antibody



Catalog #: 61454

Aliases

ADGRE5; Adhesion G Protein-Coupled Receptor E5; Leukocyte Antigen CD97; TM7LN1; CD97; Seven-Transmembrane, Heterodimeric Receptor Associated With Inflammation; Seven Transmembrane Helix Receptor; Seven-Span Transmembrane Protein; CD97 Molecule; CD97 Antigen

Background

Gene Name: ADGRE5

NCBI Gene Entry: [976](#)

UniProt Entry: [P48960](#)

Application Information

Molecular Weight: Predicted, 92 kDa, observed, 40 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB3740

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human CD97

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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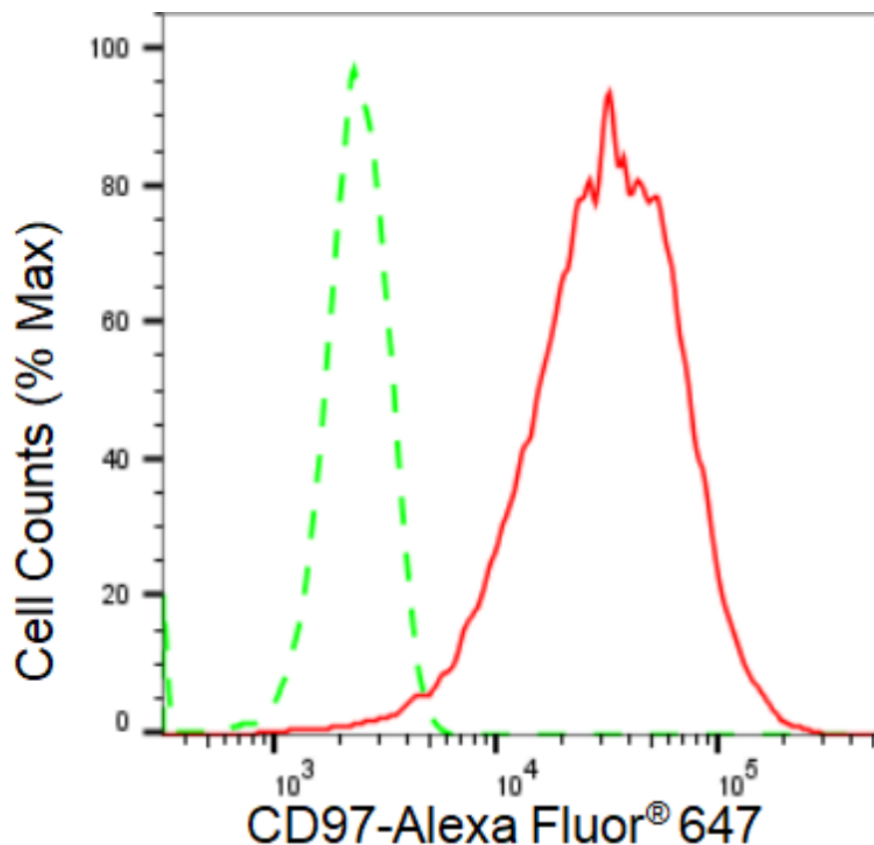
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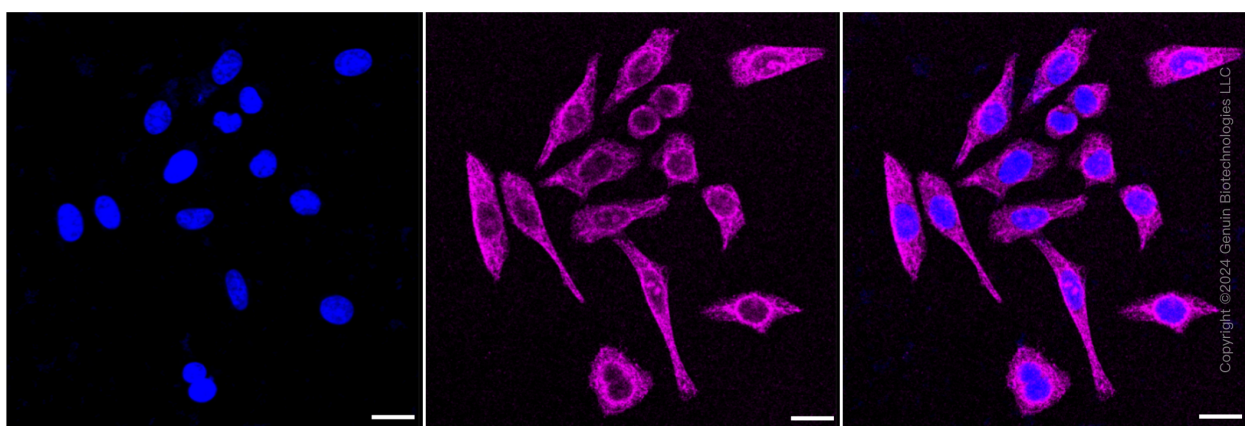
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Validation Data



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Flow cytometric analysis of CD97 expression in HepG2 cells using CD97 antibody (Cat#61454, 1:2,000). Green, isotype control; red, CD97.



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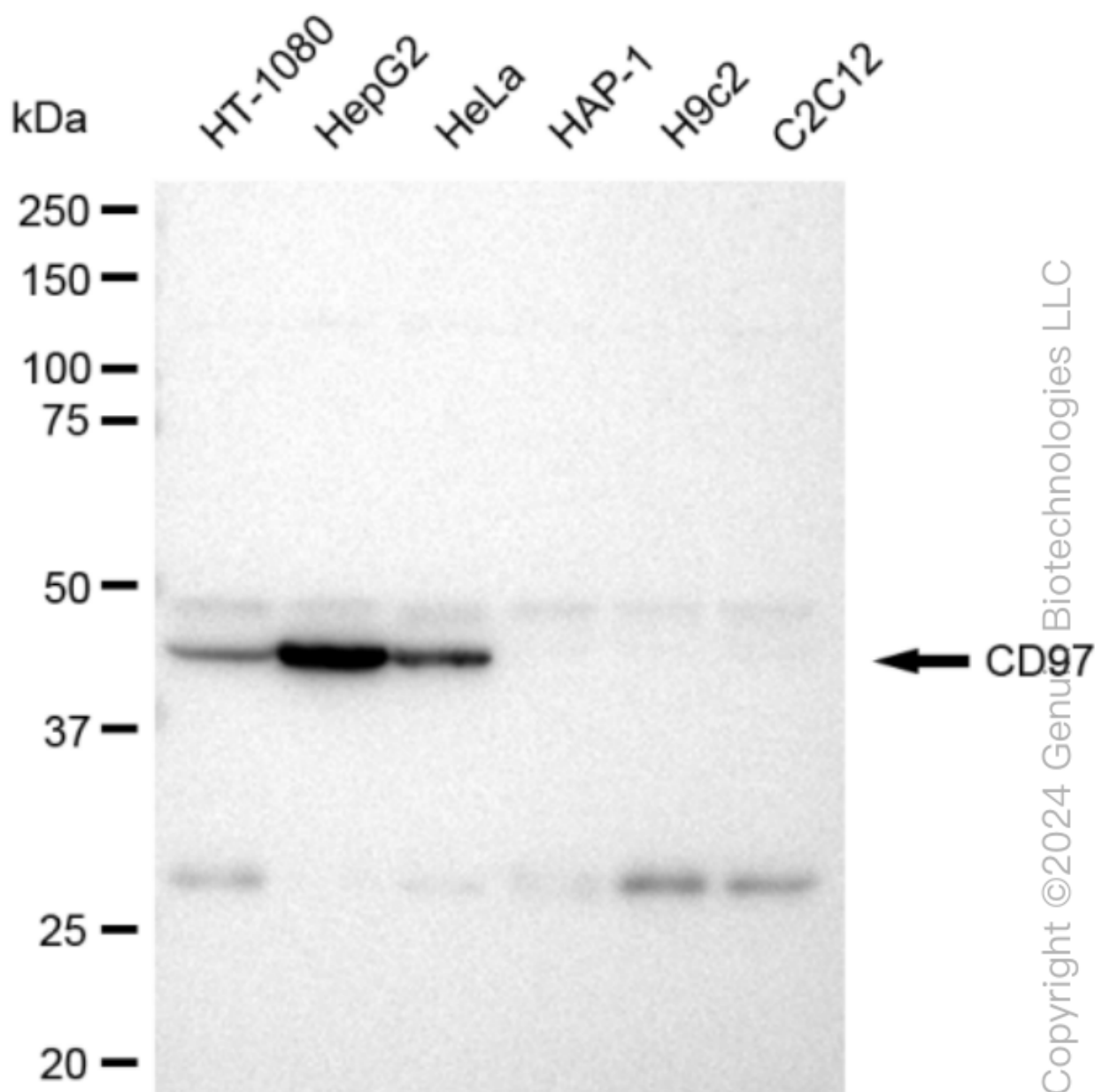
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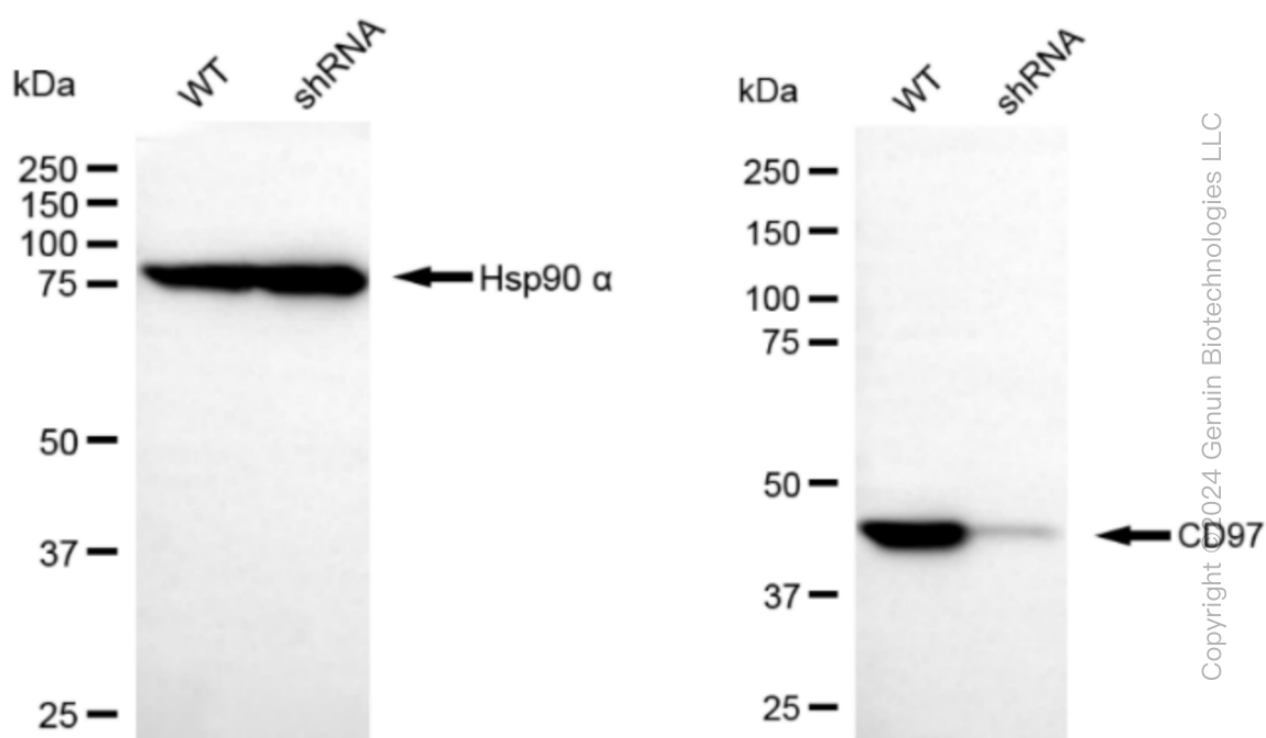
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Western blotting analysis using anti-CD97 antibody (Cat#61454). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD97 antibody (Cat#61454, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-CD97 antibody (Cat#61454). CD97 expression in wild type (WT) and CD97 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CD97 antibody (Cat#61454, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).