

# Anti-CD97 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 4651**

## 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, 40,28 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB12265

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human ADGRE5

## 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

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

Flow Cytometry (FCM): 1:2,00

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### SUPPORT

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### ORDERS

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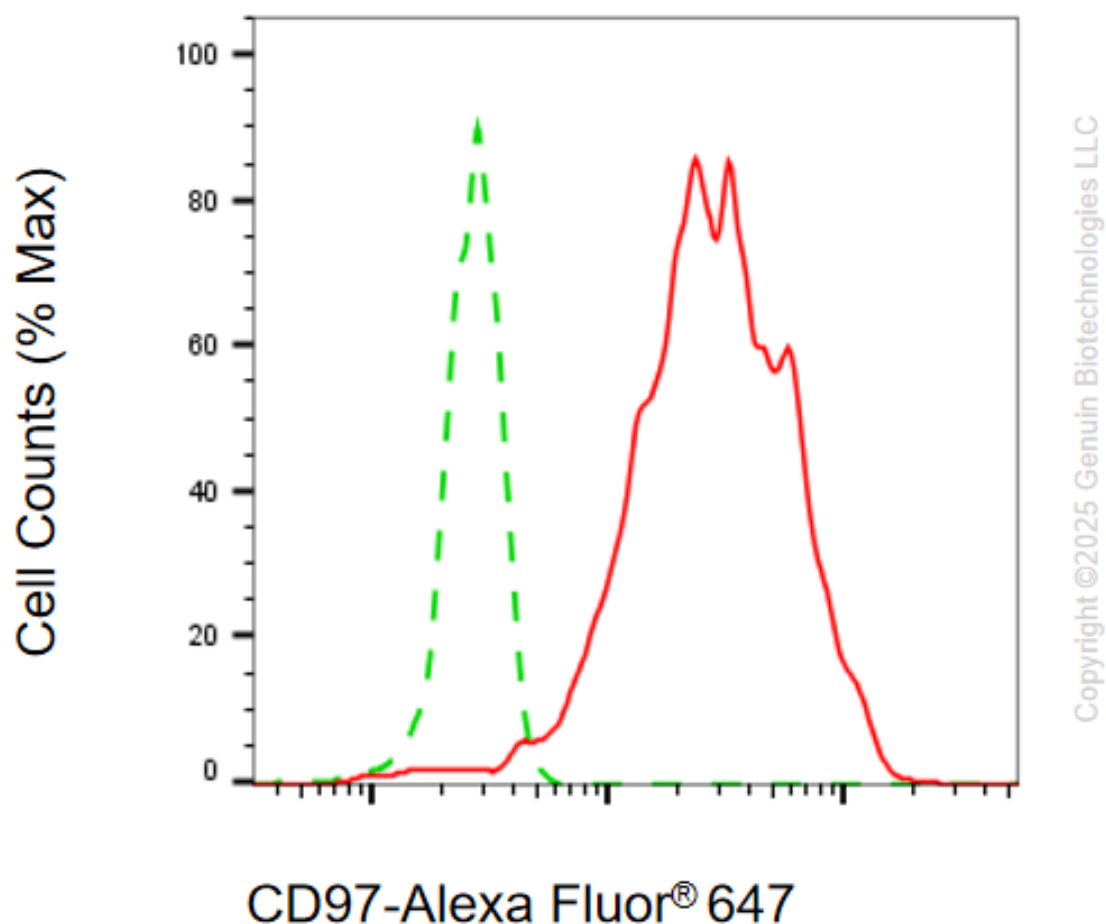
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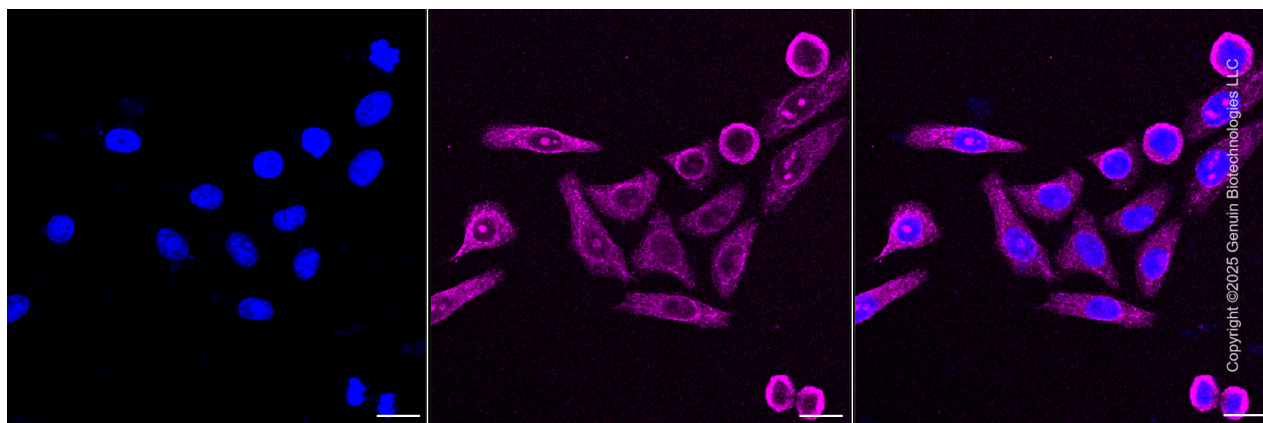
PAGE 2

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

## Validation Data



Flow cytometric analysis of CD97 expression in HepG2 cells using anti-CD97 antibody (Cat#4651, 1:2,000). Green, isotype control; red, CD97.



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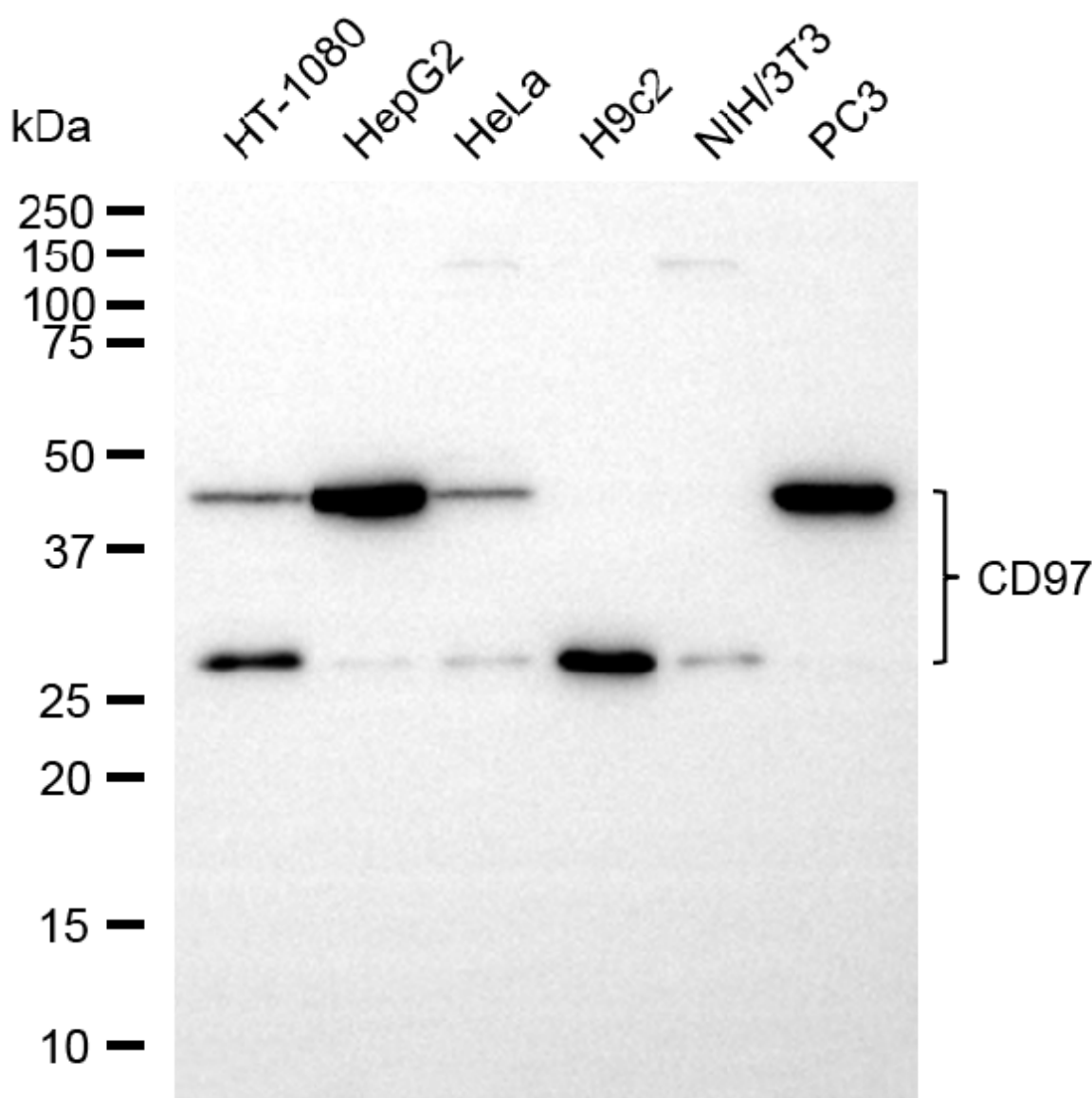
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PAGE 3

Immunocytochemical staining of HepG2 cells with anti-CD97 antibody (Cat#4651, 1:1,000). Nuclei were stained blue with DAPI; CD97 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.



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Western blotting analysis using anti-CD97 antibody (Cat#4651). 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#4651, 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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