

# KD-Validated Anti-CD97 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 61404**

## 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, 74 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB3390

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

---

### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

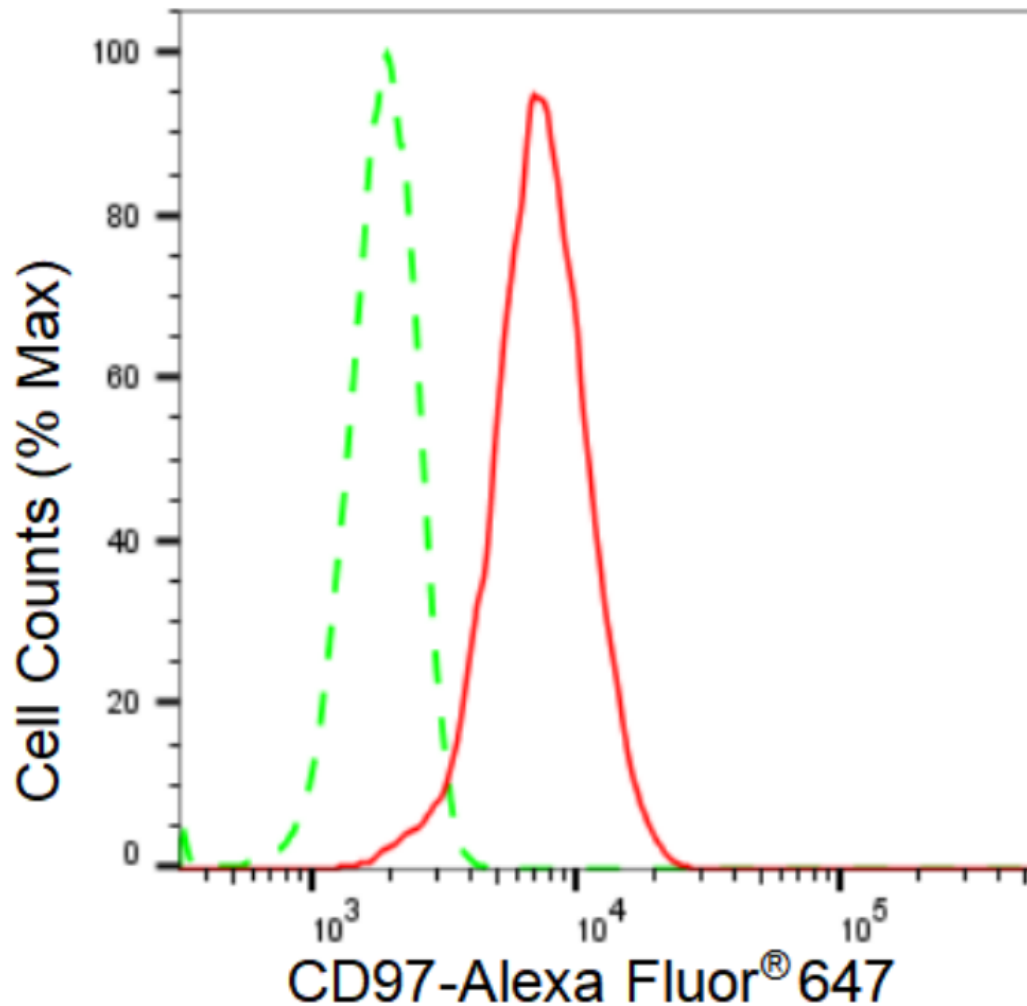
[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

## KD-Validated Anti-CD97 Recombinant Rabbit Monoclonal Antibody

PAGE 2

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

### Validation Data



Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of CD97 expression in HeLa cells using CD97 antibody (Cat#61404, 1:2,000). Green, isotype control; red, CD97.

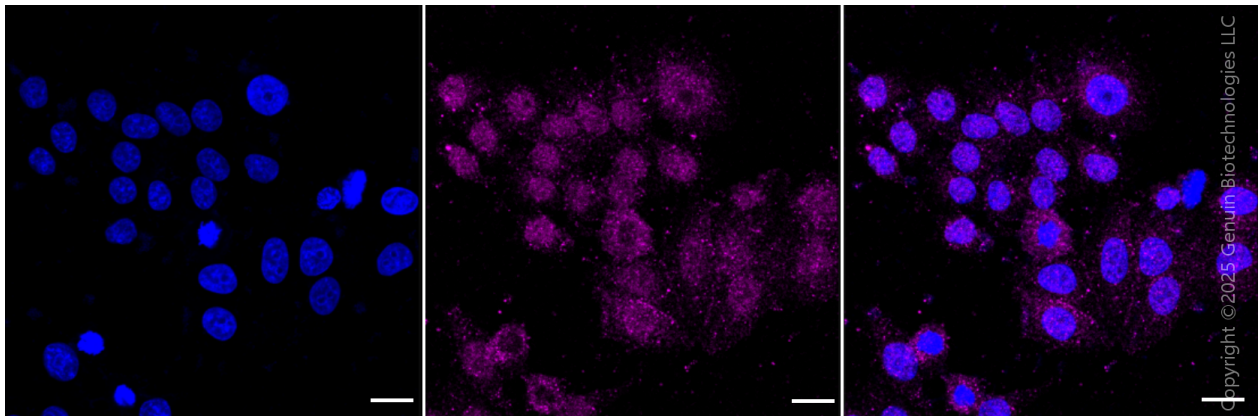
#### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

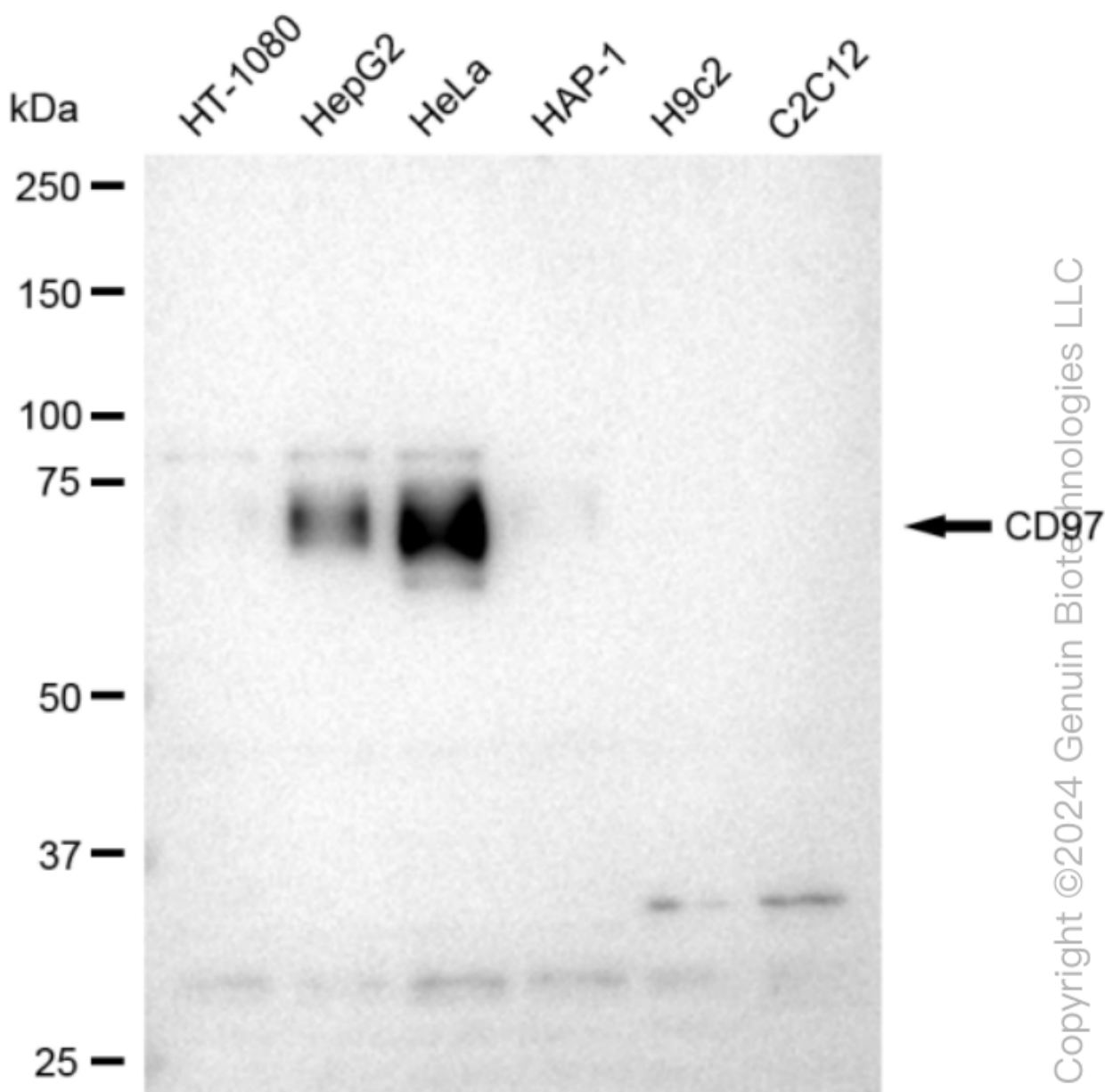
#### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

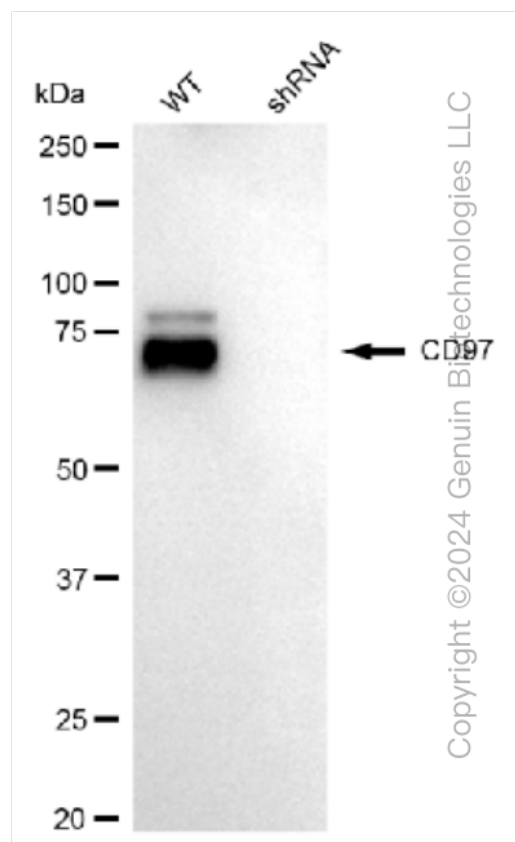
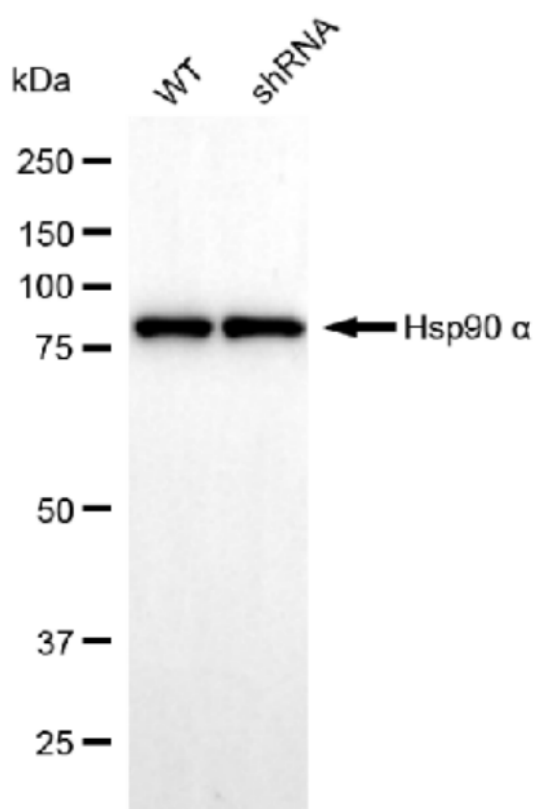
[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)



Immunocytochemical staining of HepG2 cells with anti-CD97 antibody (Cat#61404, 1:1000) . 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  $\mu$ m.



Western blotting analysis using anti-CD97 antibody (Cat#61404). 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#61404, 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#61404). CD97 expression in wild type (WT) and CD97 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-CD97 antibody (Cat#61404, 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).