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[KD-Validated] Anti-CD97 Rabbit Monoclonal Antibody

Cat No.: KD-10045

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:

UniProt Entry: P48960;NCBI Gene Entry: 976

Application Information

Molecular Weight: Predicted, 92 kDa, observed, 40 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB3740 Species Reactivity: Human, Mouse, Rat 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.
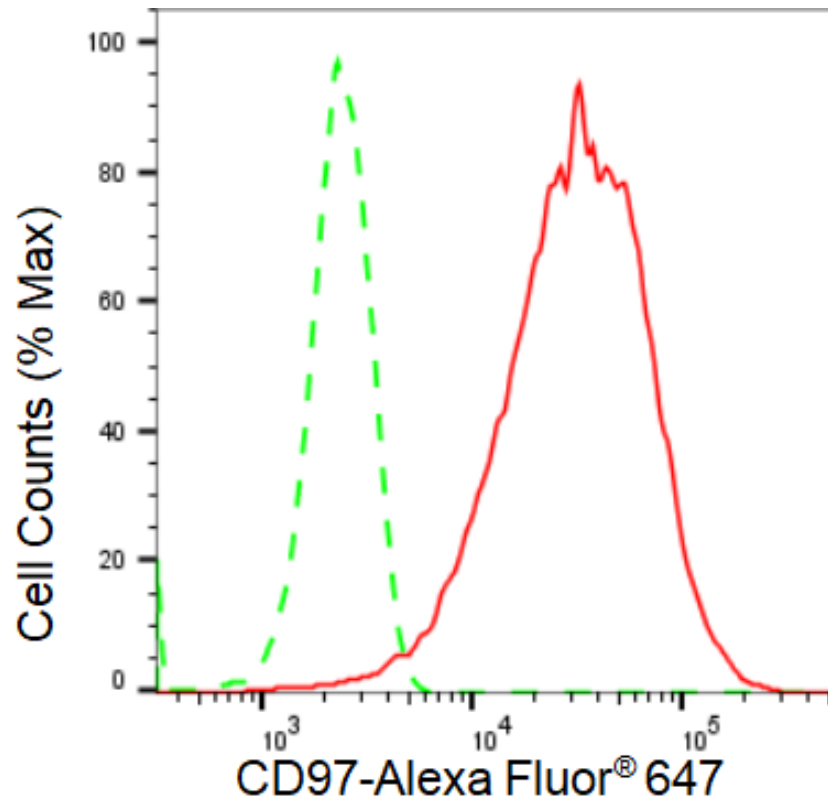
Storage

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): 1:1,000

Protocols

For general and specific antibody protocols please visit our website. Read all instructions
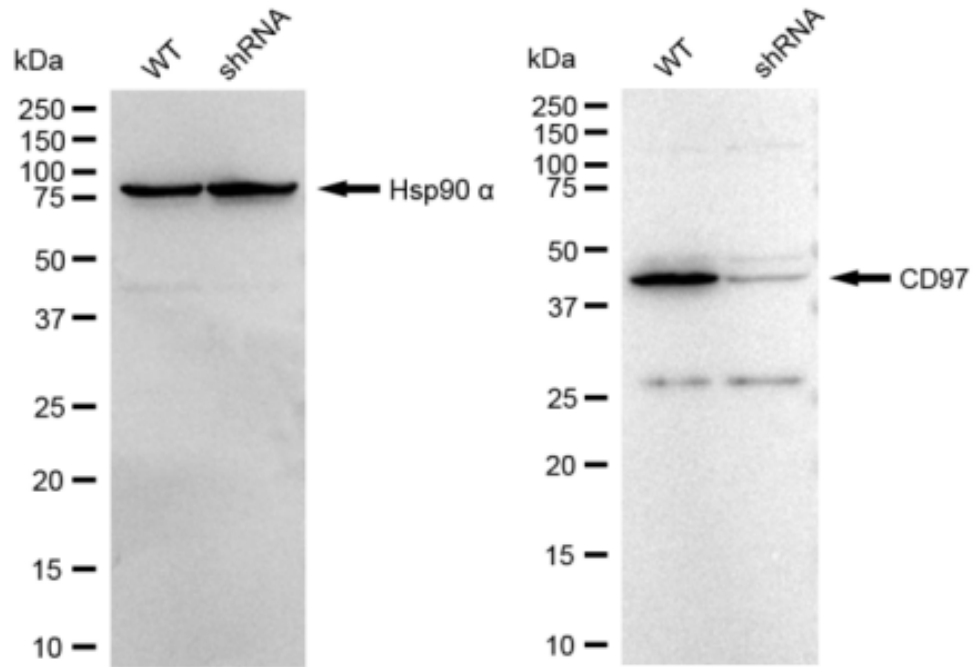before using this product.

Flow cytometric analysis of CD97 expression in HepG2 cells using CD97 antibody
1:2,000. Green, isotype control; red, CD97.
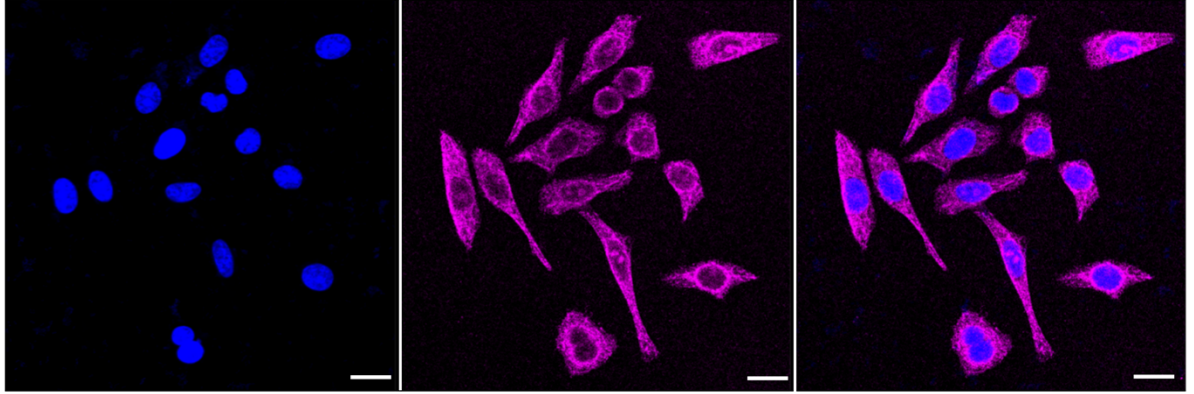
Immunocytochemical staining of HepG2 cells with CD97 antibody 1:1,000. Nuclei were stained blue with DAPI; CD97 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μm.
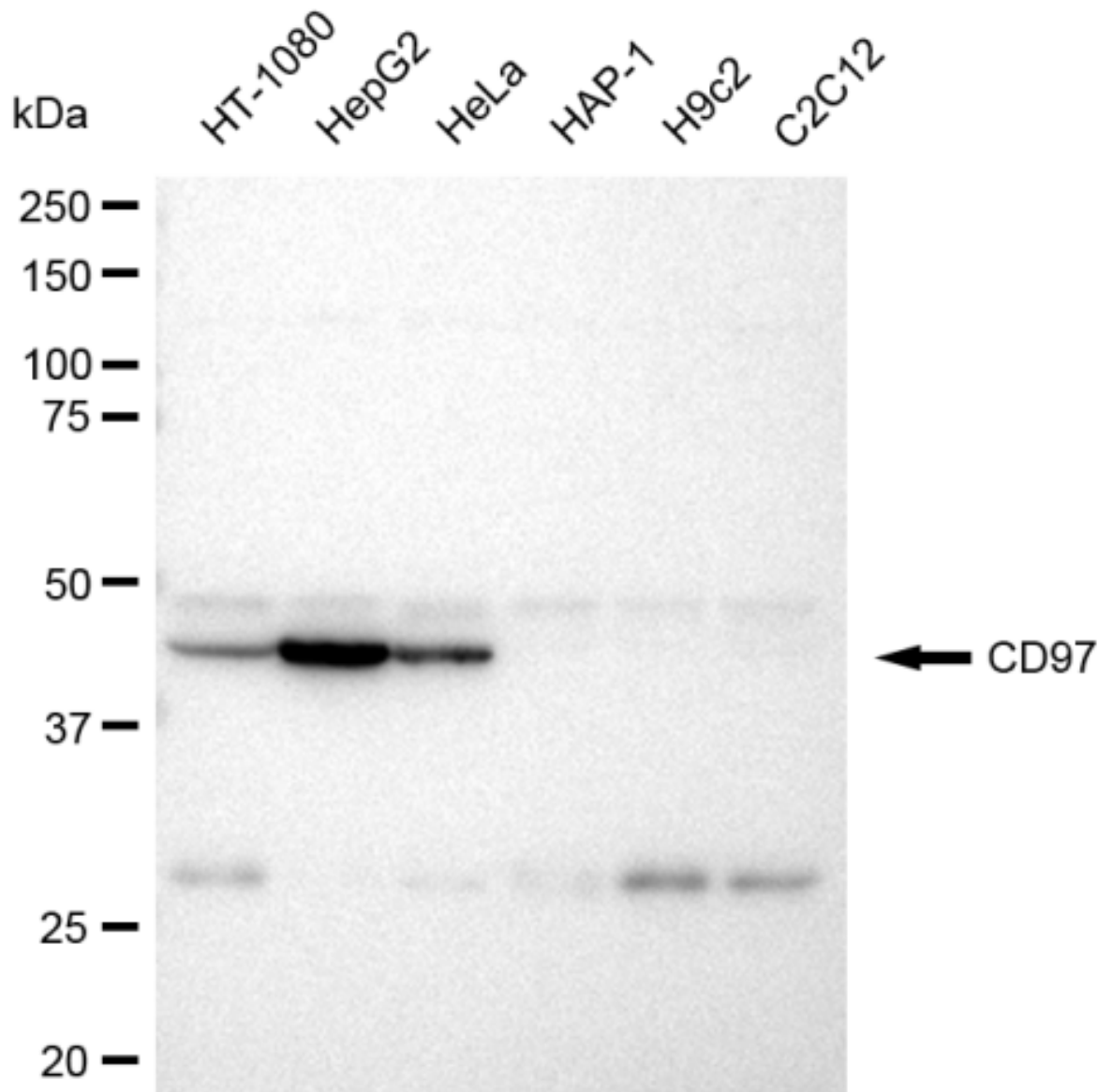
Western blotting analysis using anti-CD97 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .

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