

# Anti-Renin Recombinant Rabbit Monoclonal Antibody



**Catalog #: 2605**

## Aliases

Renin; Angiotensinogenase; EC 3.4.23.15; Angiotensin-Forming Enzyme; Renin Precursor, Renal; EC 3.4.23; ADTKD4; HNFJ2; RTD

## Background

Gene Name: REN

NCBI Gene Entry: [5972](#)

UniProt Entry: [P00797](#)

## Application Information

Molecular Weight: Predicted, 45 kDa; observed, 47 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB1615

Species Reactivity: Human

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

## Immunogen

A synthesized peptide derived from human Renin

## 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

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

## Validation Data

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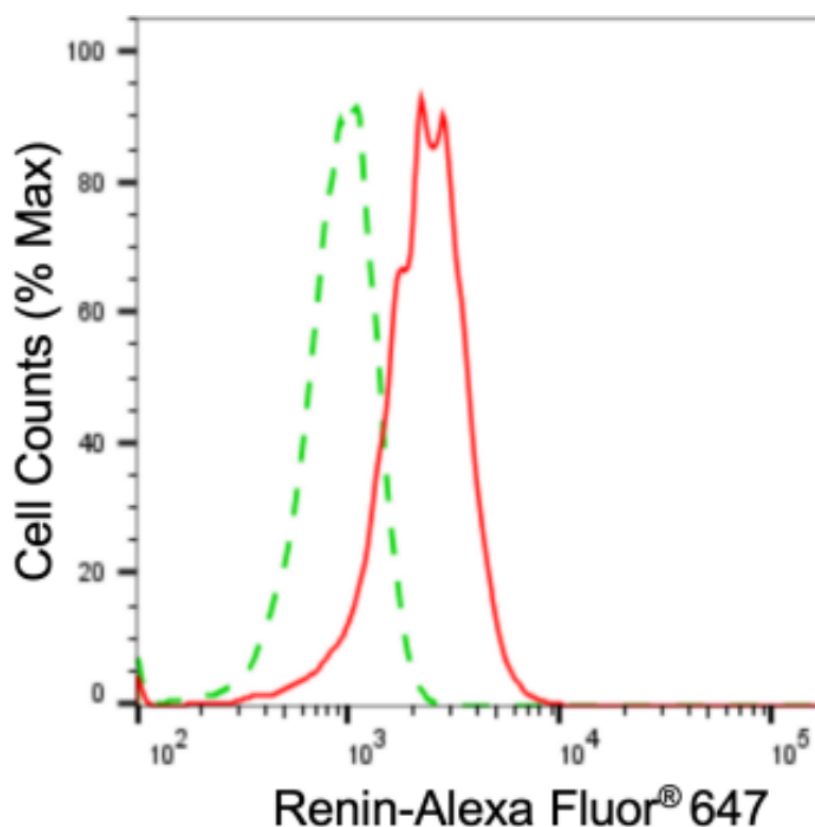
### SUPPORT

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

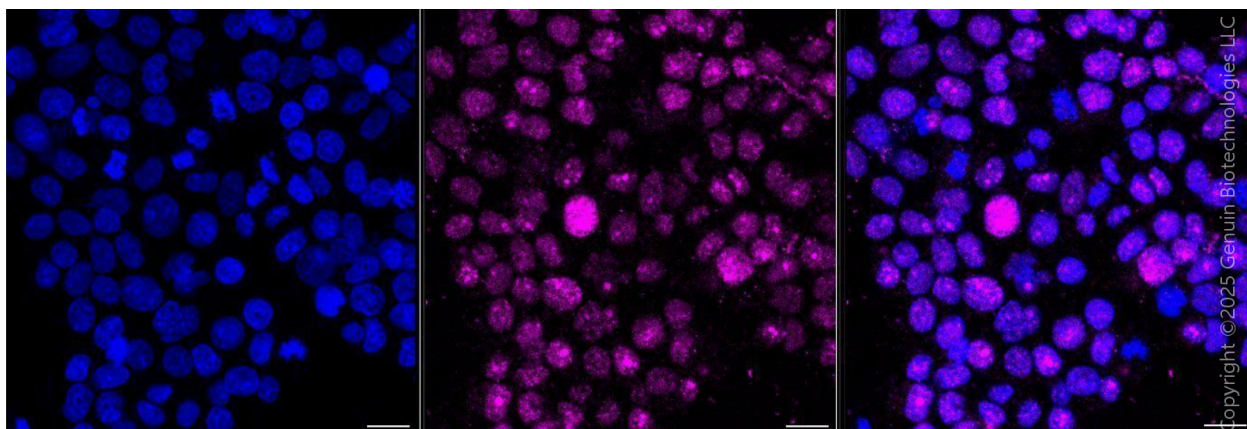
### ORDERS

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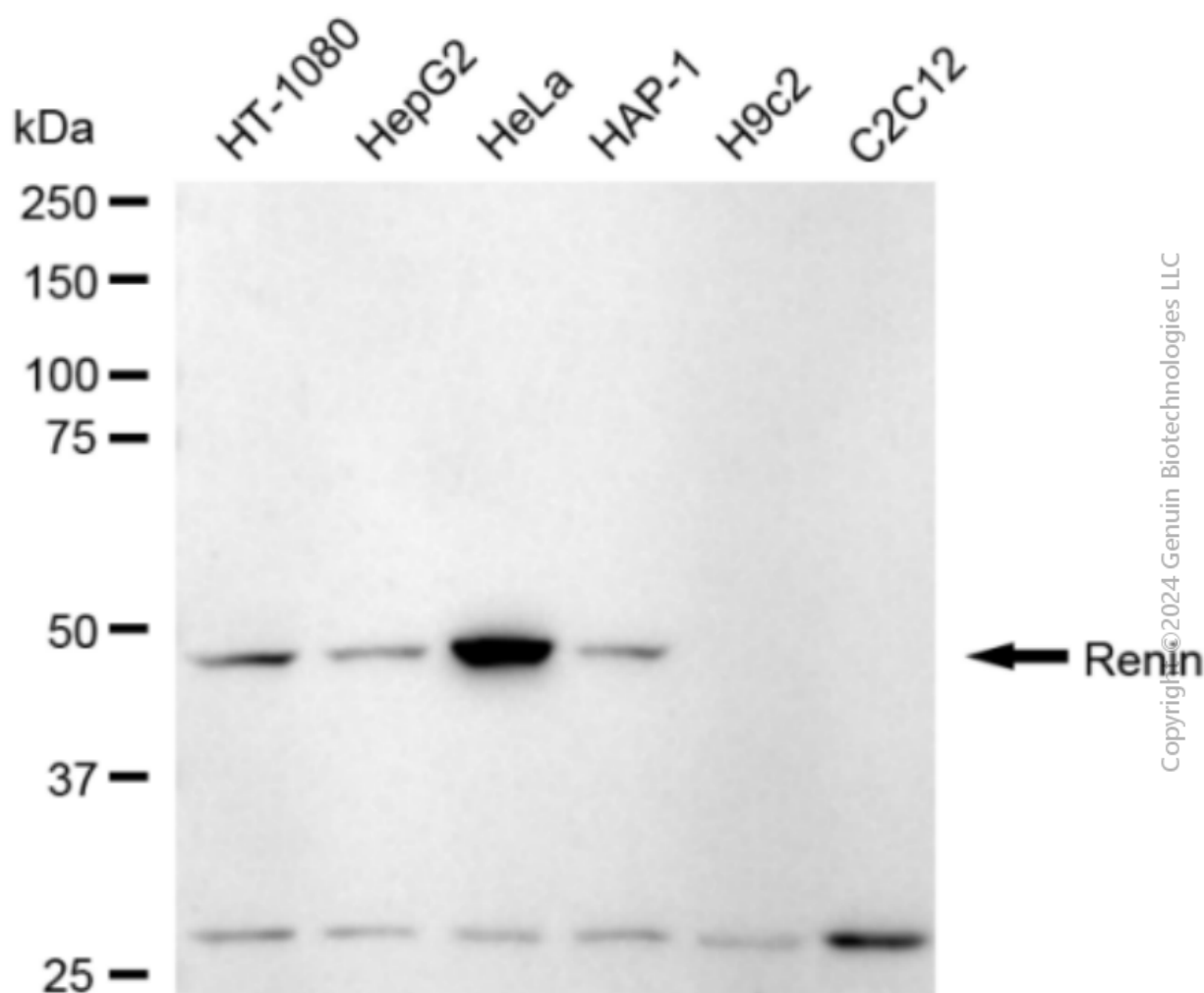
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Flow cytometric analysis of Renin expression in HeLa cells using anti-Renin antibody (Cat#2605, 1:2,000). Green, isotype control; red, Renin.



Immunocytochemical staining of HeLa cells with anti-Renin antibody (Cat#2605, 1:1,000). Nuclei were stained blue with DAPI; Renin 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-Renin antibody (Cat#2605). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Renin antibody (Cat#2605, 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).