

# Anti-IRAK4 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 2974**

## Aliases

IRAK4; Interleukin 1 Receptor Associated Kinase 4; NY-REN-64; Interleukin-1 Receptor-Associated Kinase 4; Renal Carcinoma Antigen NY-REN-64; EC 2.7.11.1; IRAK-4; EC 2.7.11; IMD67; REN64; IPD1

## Background

Gene Name: IRAK4

NCBI Gene Entry: [51135](#)

UniProt Entry: [Q9NWZ3](#)

## Application Information

Molecular Weight: Predicted, 52 kDa; observed, 52 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3435

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human IRAK4

## 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.

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### SUPPORT

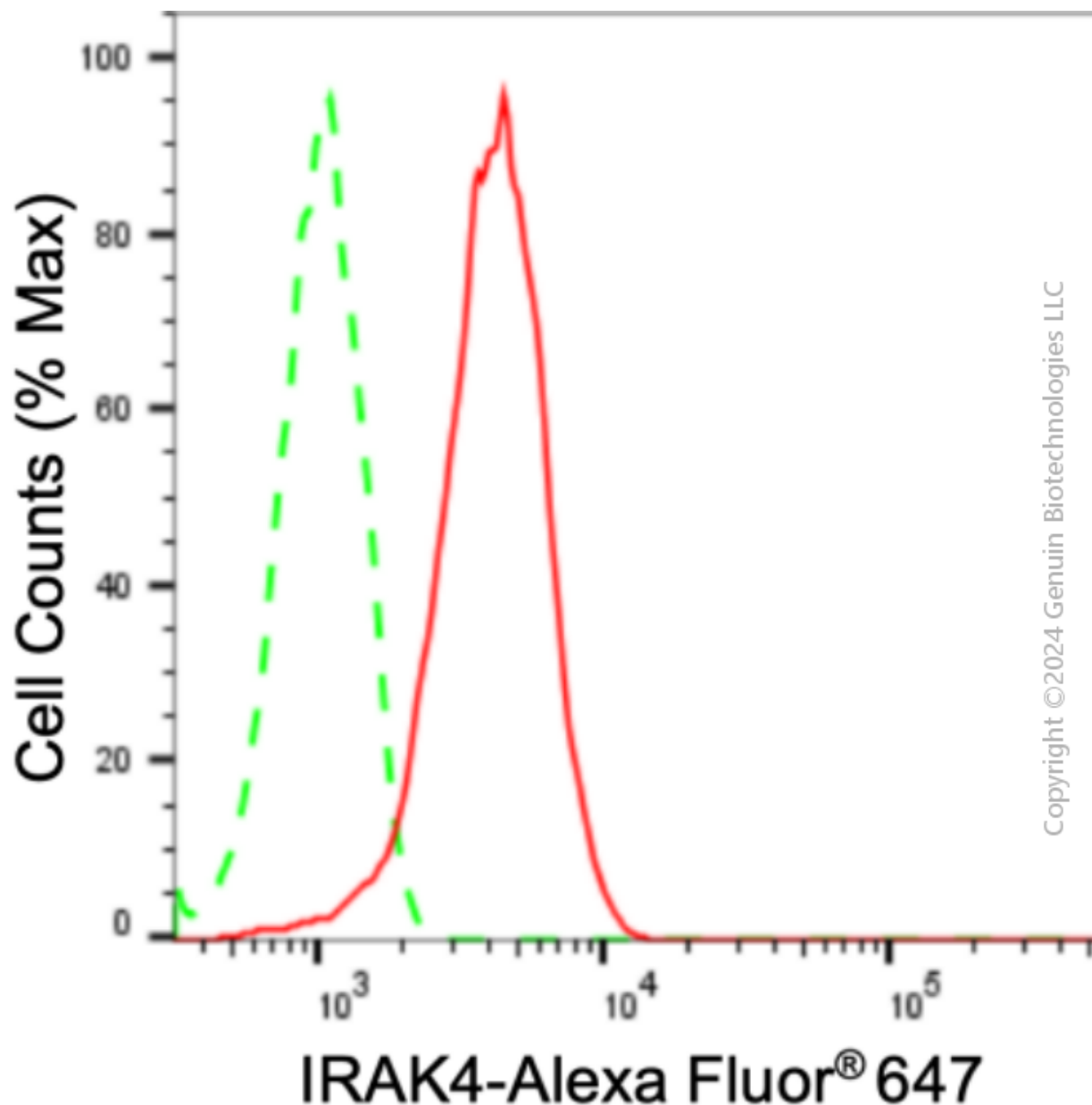
SUPPORT@GENUINBIOTECH.COM  
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### ORDERS

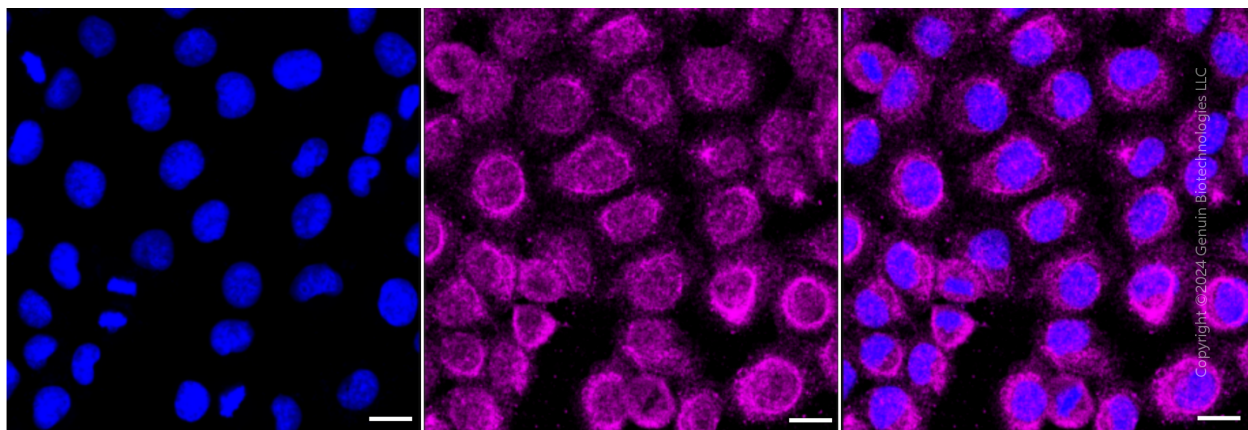
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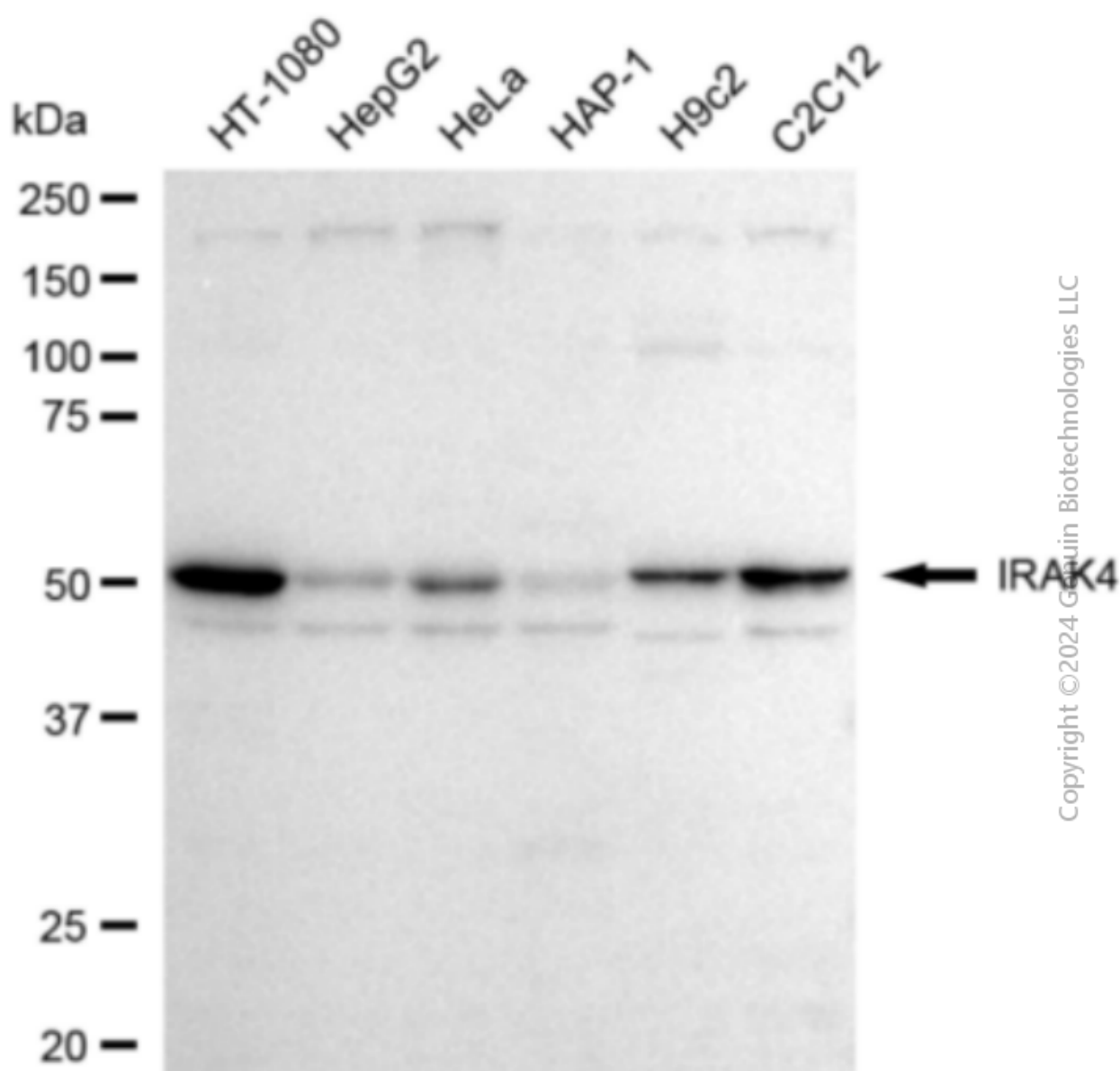
**Validation Data**



Flow cytometric analysis of IRAK4 expression in HT-1080 cells using anti-IRAK4 antibody (Cat#2974, 1:2,000). Green, isotype control; red, IRAK4.



Immunocytochemical staining of HT-1080 cells with anti-IRAK4 antibody (Cat#2974, 1:1,000) . Nuclei were stained blue with DAPI; IRAK4 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-IRAK4 antibody (Cat#2974). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IRAK4 antibody (Cat#2974, 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).