

# Anti-IRAK1 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 2152**

## Aliases

IRAK1; Interleukin 1 Receptor Associated Kinase 1; IRAK; Interleukin-1 Receptor-Associated Kinase 1; EC 2.7.11.1; Pelle; Pelle Homolog; EC 2.7.11; IRAK-1; PELLE

## Background

Gene Name: IRAK1

NCBI Gene Entry: [3654](#)

UniProt Entry: [P51617](#)

## Application Information

Molecular Weight: Predicted, 77 kDa; observed, 74 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB6250

Species Reactivity: Human, rat

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

## Immunogen

A synthesized peptide derived from human IRAK

## 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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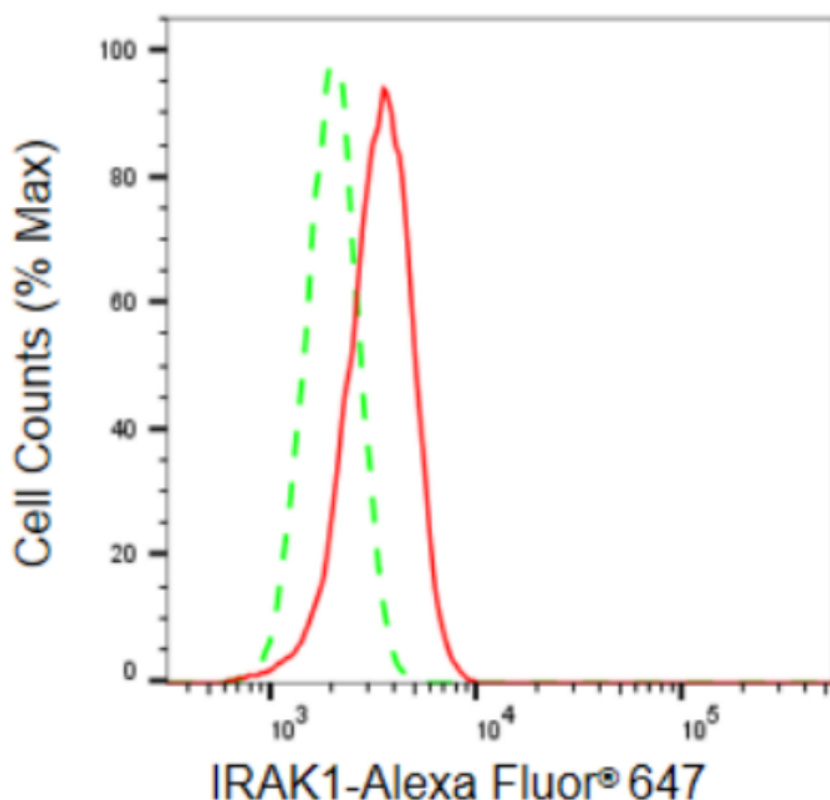
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### ORDERS

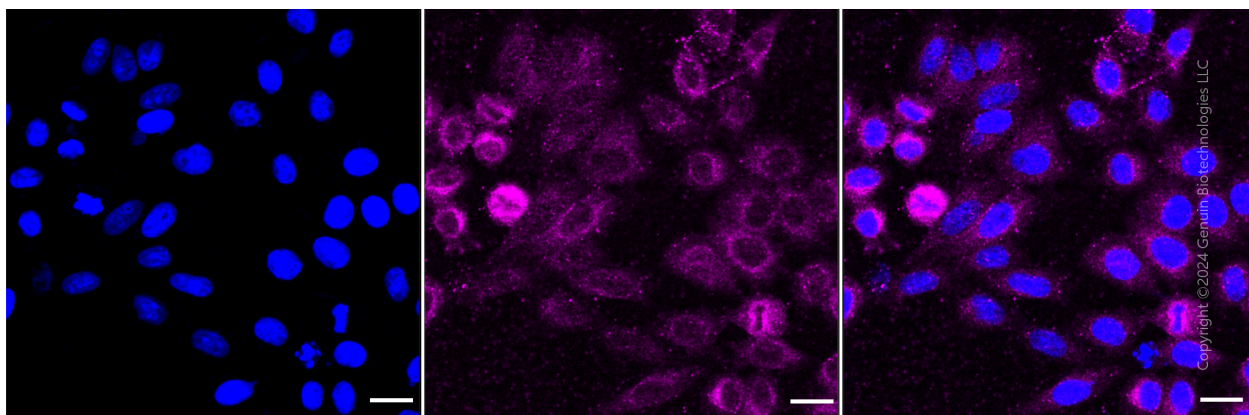
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Flow cytometric analysis of IRAK1 expression in HepG2 cells using IRAK1 antibody (Cat#2152, 1:2,000). Green, isotype control; red, IRAK1.



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Immunocytochemical staining of HepG2 cells with anti-IRAK1 antibody (Cat#2152, 1:1,000). Nuclei were stained blue with DAPI; IRAK1 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.

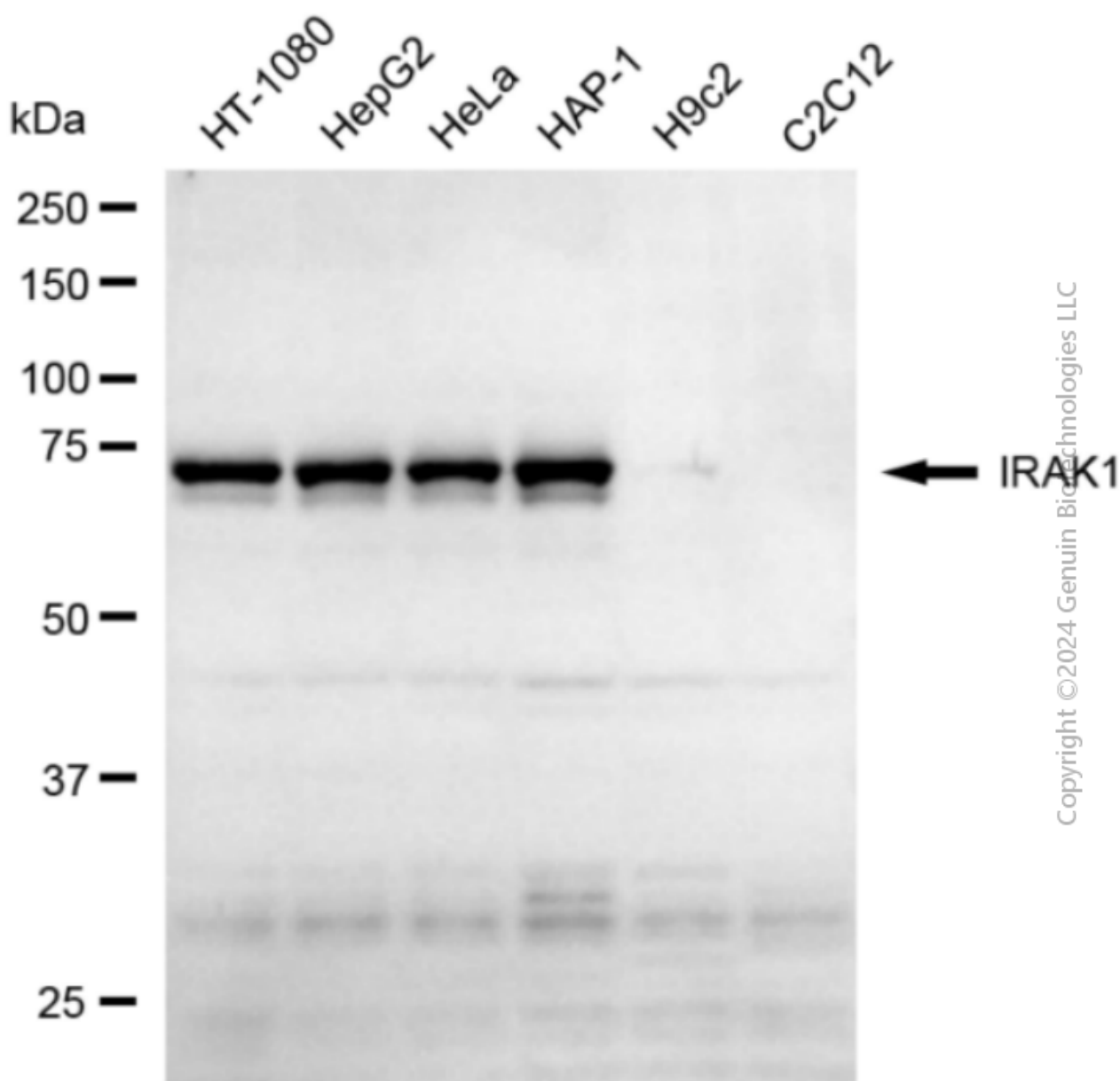
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Western blotting analysis using anti-IRAK1 antibody (Cat#2152). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IRAK1 antibody (Cat#2152, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).