

# KD-Validated Anti-TRIM47 Mouse Oligoclonal Antibody



**Catalog #: 65169**

## Aliases

TRIM47; Tripartite Motif Containing 47; RNF100; GOA; Gene Overexpressed In Astrocytoma Protein; Tripartite Motif-Containing Protein 47; E3 Ubiquitin-Protein Ligase TRIM47; RING Finger Protein 100; Tripartite Motif-Containing 47; EC 2.3.2.27

## Background

Gene Name: TRIM47

NCBI Gene Entry: [91107](#)

UniProt Entry: [Q96LD4](#)

## Application Information

Molecular Weight: Predicted, 70 kDa; observed, 74 kDa

Clonality: Mouse oligoclonal antibody

Species Reactivity: Human, mouse, rat

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

## Immunogen

Recombinant protein of human TRIM47

## Isotype

Mouse 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): 1:500-1:2,500

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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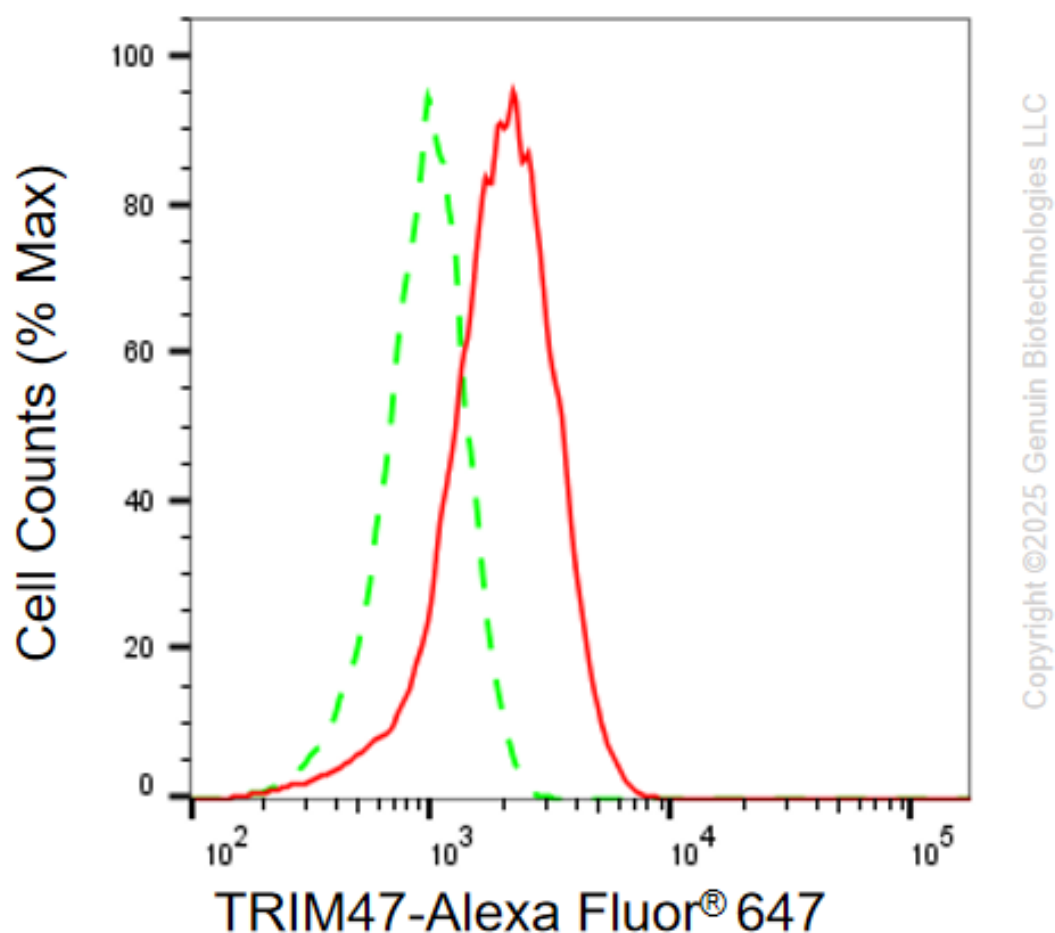
### SUPPORT

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

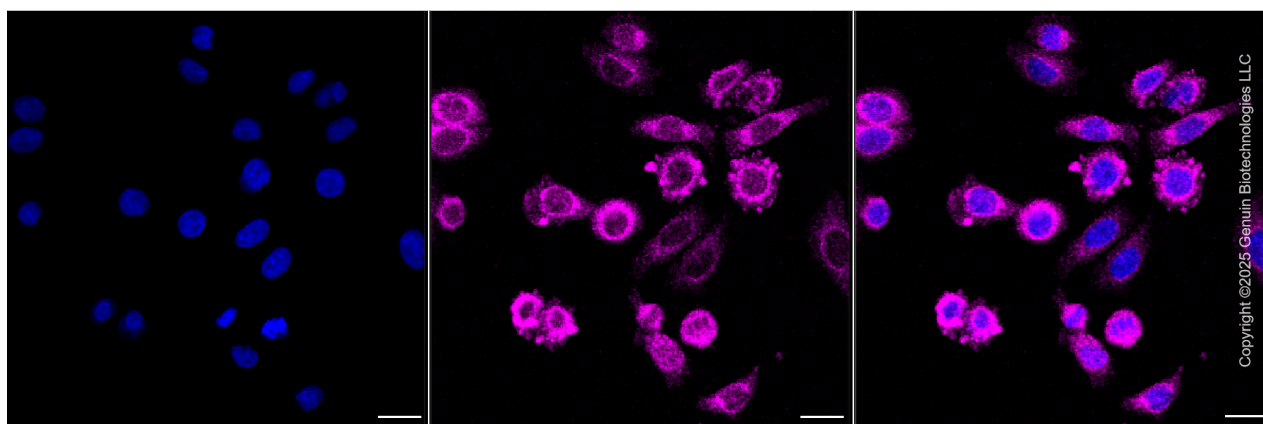
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Flow cytometric analysis of TRIM47 expression in HepG2 cells using anti-TRIM47 antibody (Cat#65169, 1:2,000) . Green, isotype control; red, TRIM47.



Immunocytochemical staining of HepG2 cells with anti-TRIM47 antibody (Cat#65169, 1:1,000) . Nuclei were stained blue with DAPI; TRIM47 was stained magenta with Alexa Fluor® 647.

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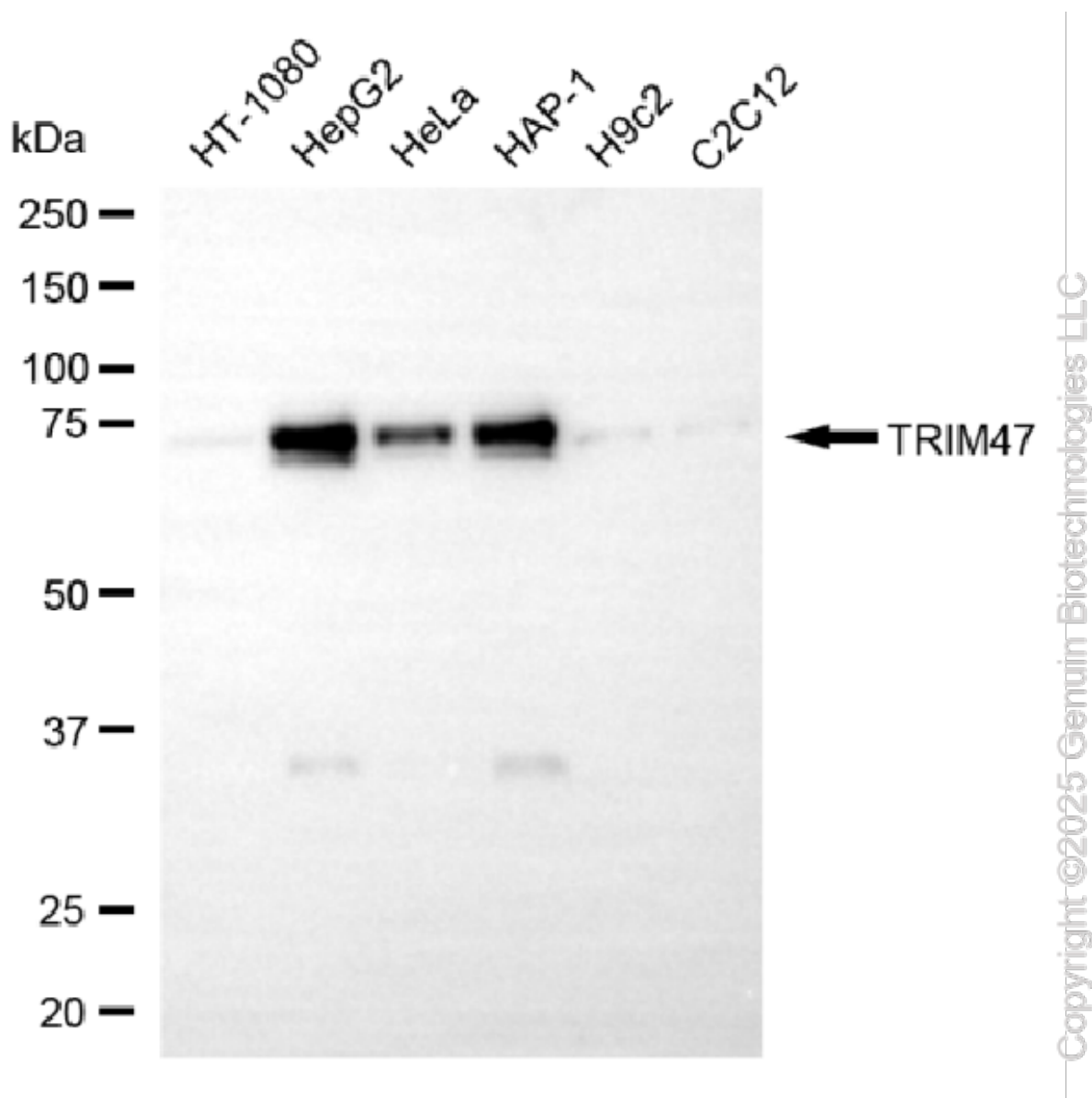
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Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-TRIM47 antibody (Cat#65169). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TRIM47 antibody (Cat#65169, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

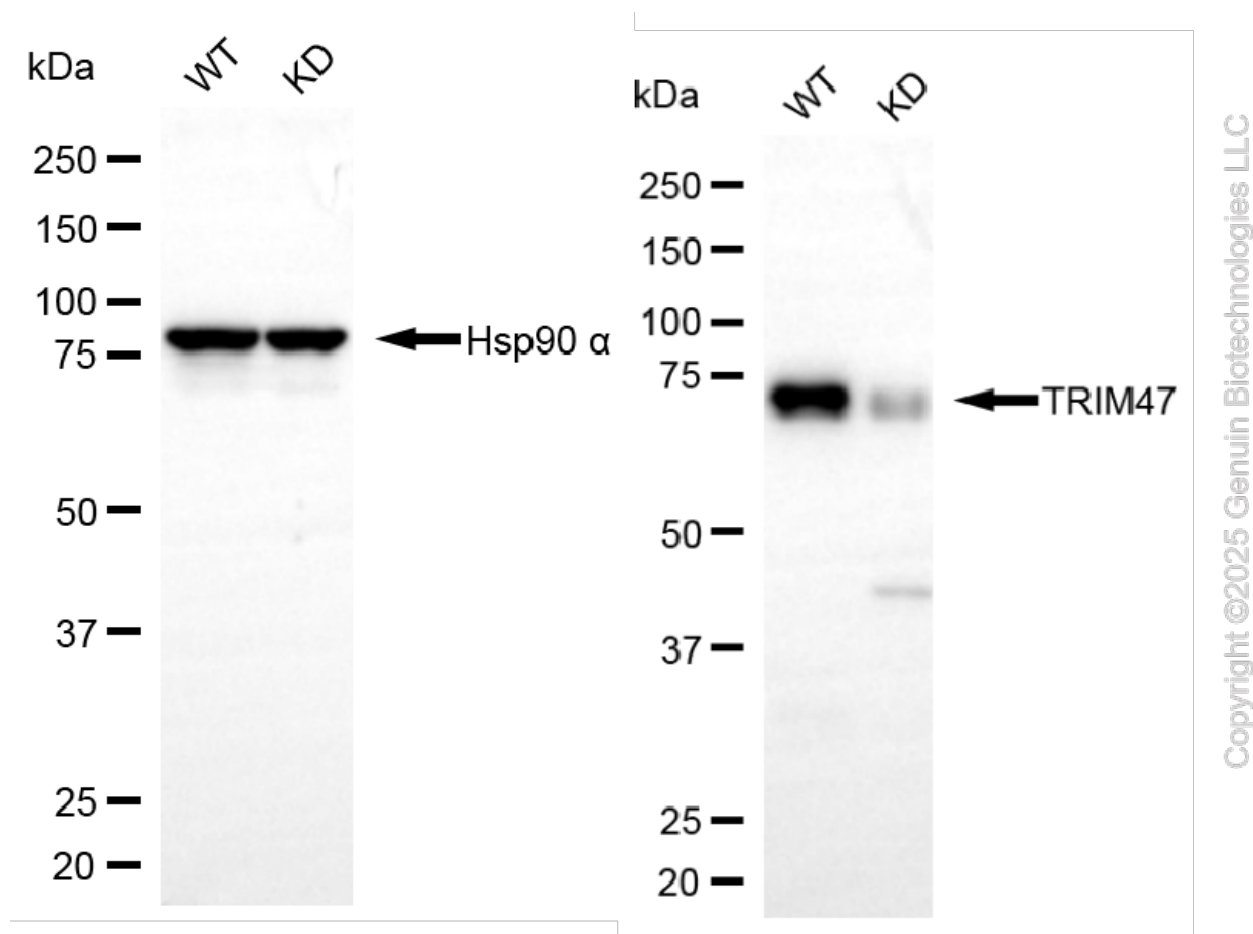
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Western blotting analysis using anti-TRIM47 antibody (Cat#65169). TRIM47 expression in wild-type (WT) and TRIM47 knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-TRIM47 antibody (Cat#65169, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).