KO-Validated Anti-TRIM7 Mouse Monoclonal Antibody

Catalog #: 71166

Aliases

TRIM7; Tripartite Motif Containing 7; GNIP; Glycogenin-Interacting Protein; E3 Ubiquitin-Protein Ligase TRIM7; Tripartite Motif Protein TRIM7; RING Finger Protein 90; Tripartite Motif-Containing Protein 7; Tripartite Motif-Containing 7; EC 2.3.2.27

Background

Gene Name: TRIM7
NCBI Gene Entry: 81786
UniProt Entry: Q9C029

Application Information

Molecular Weight: Predicted, 57 kDa; observed, 57 kDa
Clonality: Mouse monoclonal antibody
Clone ID: 25GB690
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

Recombinant protein of human TRIM7

Isotype

Mouse IgG1

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): 1:400-1:2,000
Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.
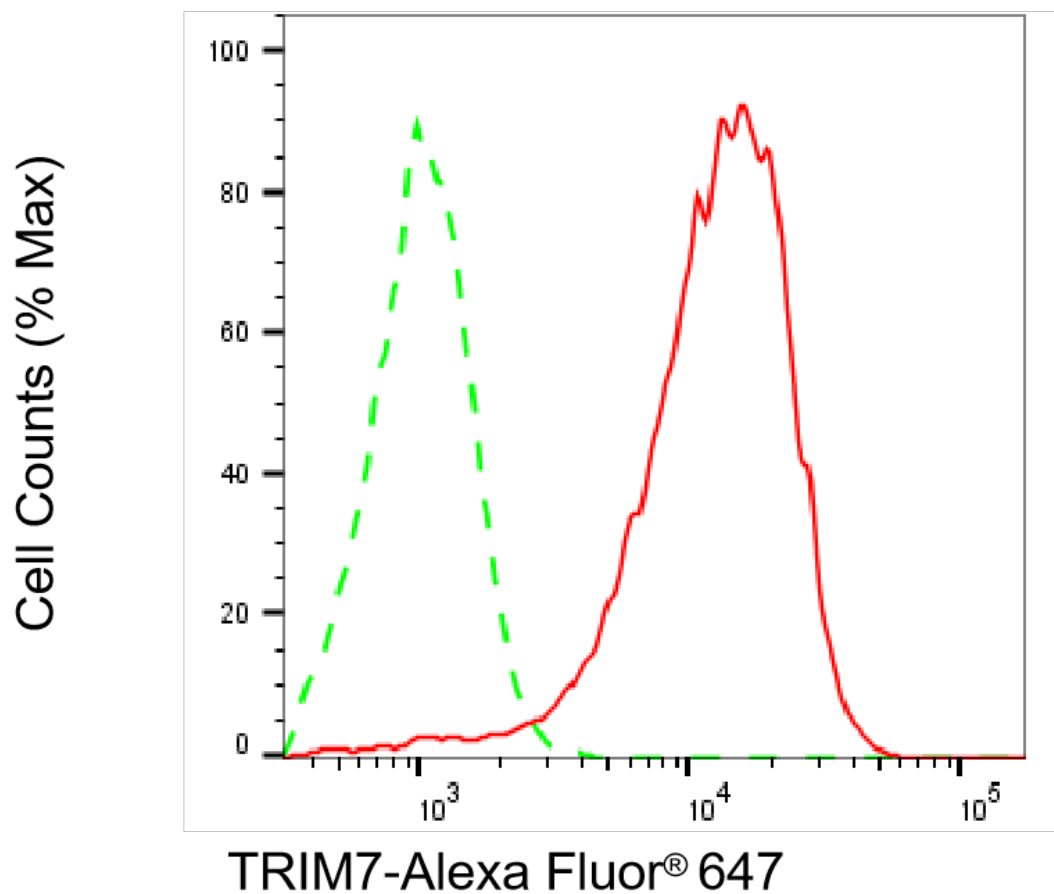
Validation Data

Flow cytometric analysis of TRIM7 expression in HeLa cells using anti-TRIM7 antibody (Cat#71166, 1:2,000). Green, isotype control; red, TRIM7.
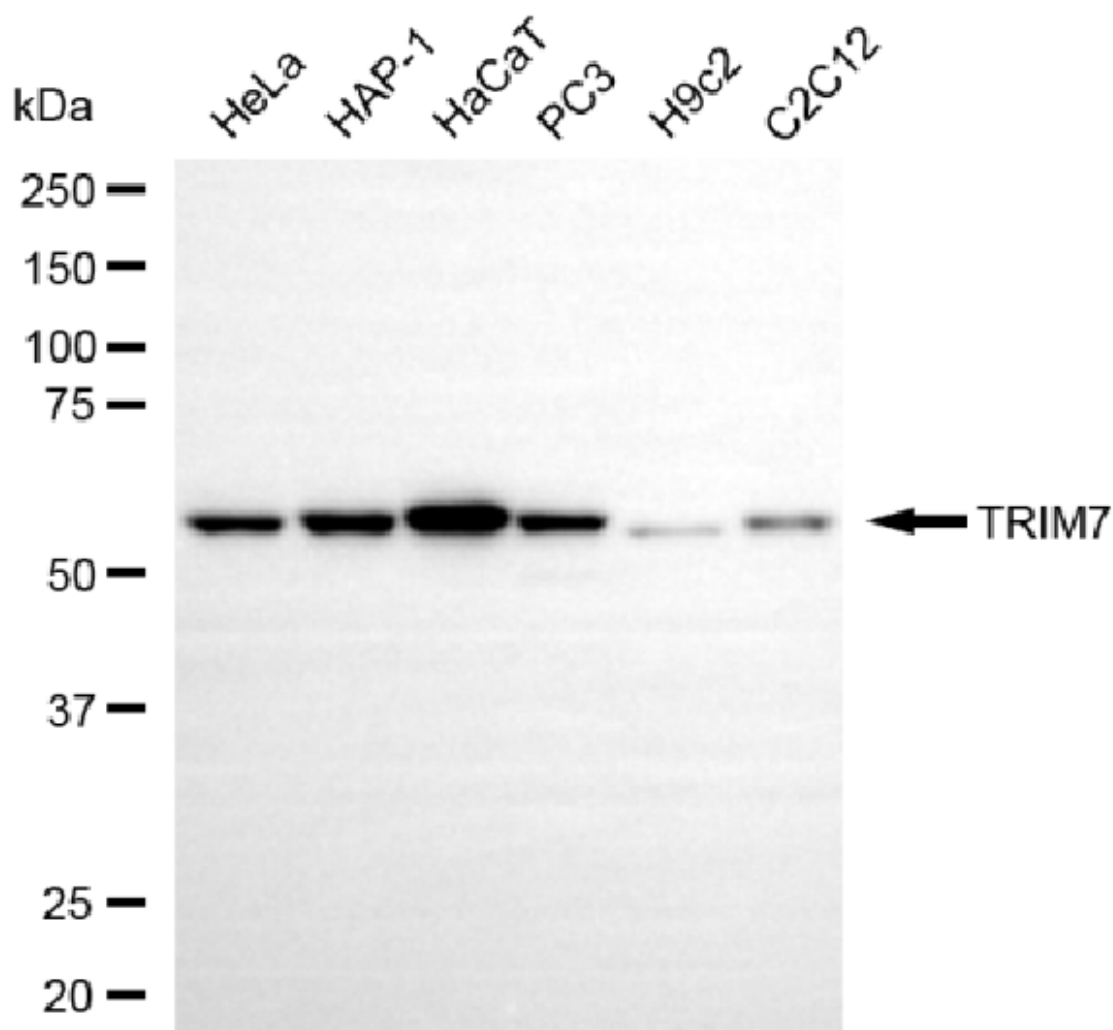
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Western blotting analysis using anti-TRIM7 antibody (Cat#71166). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TRIM7 antibody (Cat#71166, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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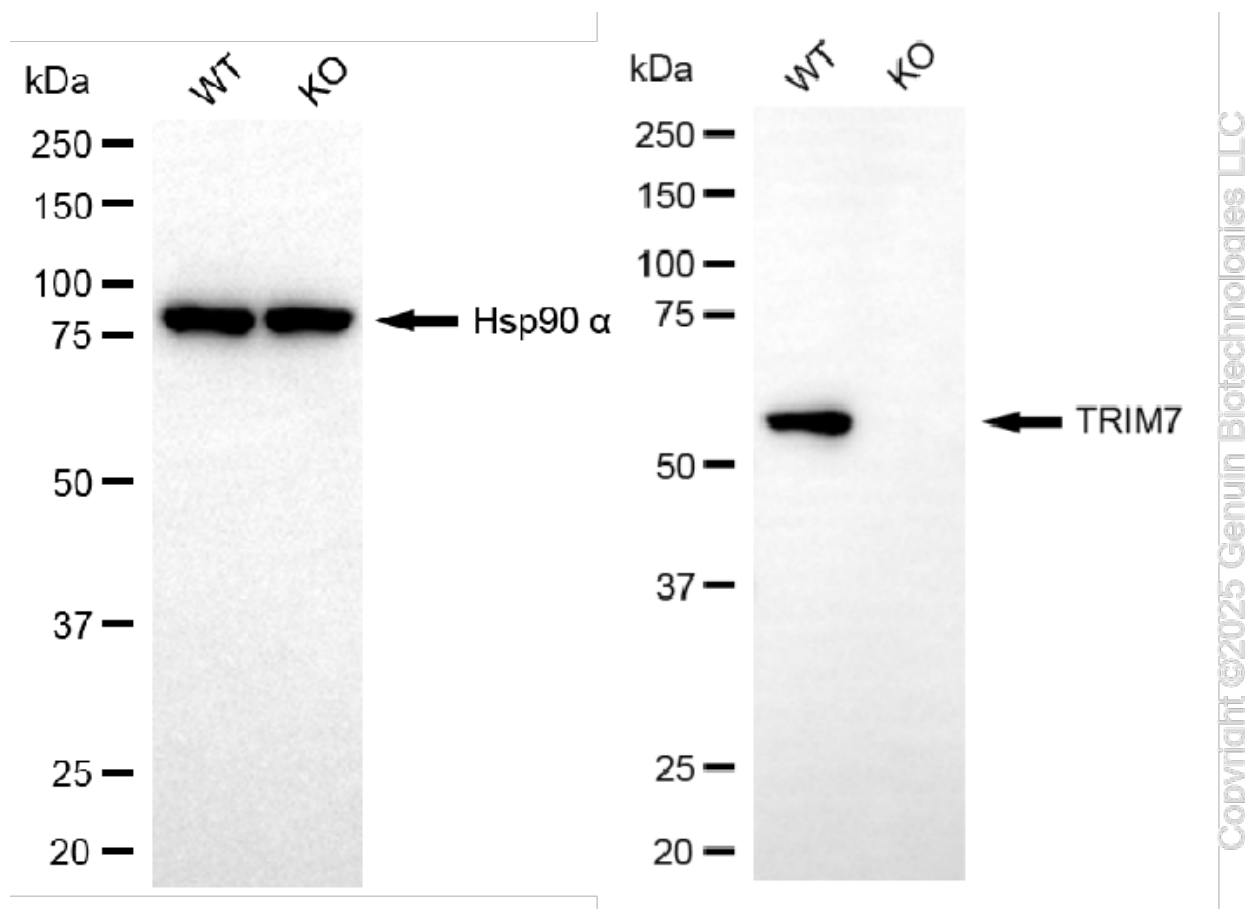
Western blotting analysis using anti-TRIM7 antibody (Cat#71166). TRIM7 expression in wild type (WT) and TRIM7 knockout (KO) HeLa cells with 20 μg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-TRIM7 antibody (Cat#71166, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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