

KD-Validated Anti-TRIP13 Mouse Monoclonal Antibody



Catalog #: 61794

Aliases

TRIP13; Thyroid Hormone Receptor Interactor 13; 16E1BP; Human Papillomavirus Type 16 E1 Protein-Binding Protein; Thyroid Receptor-Interacting Protein 13; Pachytene Checkpoint Protein 2 Homolog; TR-Interacting Protein 13; 16E1-BP; TRIP-13; Thyroid Receptor Interacting Protein 13; HPV16 E1 Protein Binding Protein; HPV16 E1 Protein-Binding Protein; SH3TC1/TRIP13 Fusion; OZEMA9; OOMD9; MVA3; PCH2

Background

Gene Name: TRIP13

NCBI Gene Entry: [9319](#)

UniProt Entry: [Q15645](#)

Application Information

Molecular Weight: Predicted, 49 kDa; observed, 46 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB3785

Species Reactivity: Human, mouse, rat

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

Immunogen

Recombinant protein of human TRIP13

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): 1:500-1:2,500

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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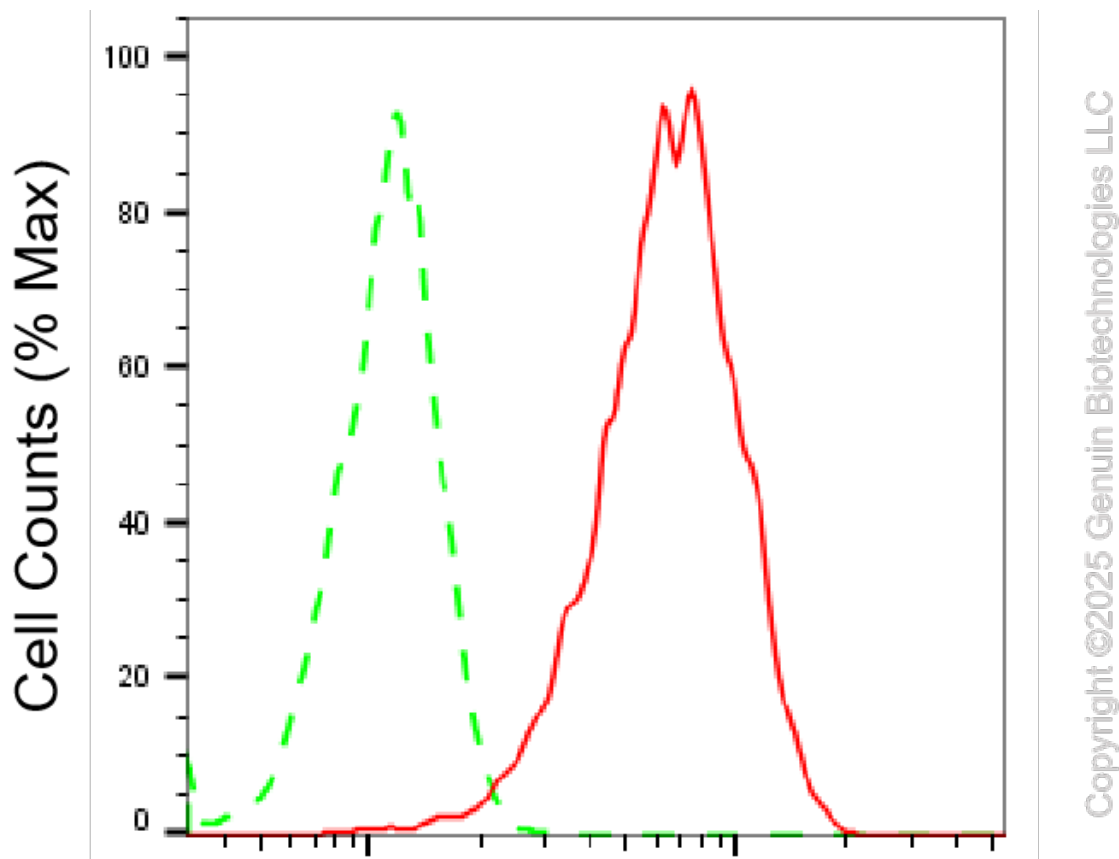
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PAGE 2

Note: This product is for research use only.

Validation Data



Thyroid hormone receptor interactor 13- Alexa Fluor® 647

Flow cytometric analysis of Thyroid hormone receptor interactor 13 expression in HAP-1 cells using anti-Thyroid hormone receptor interactor 13 antibody (Cat#61794, 1:2,000). Green, isotype control; red, Thyroid hormone receptor interactor 13.

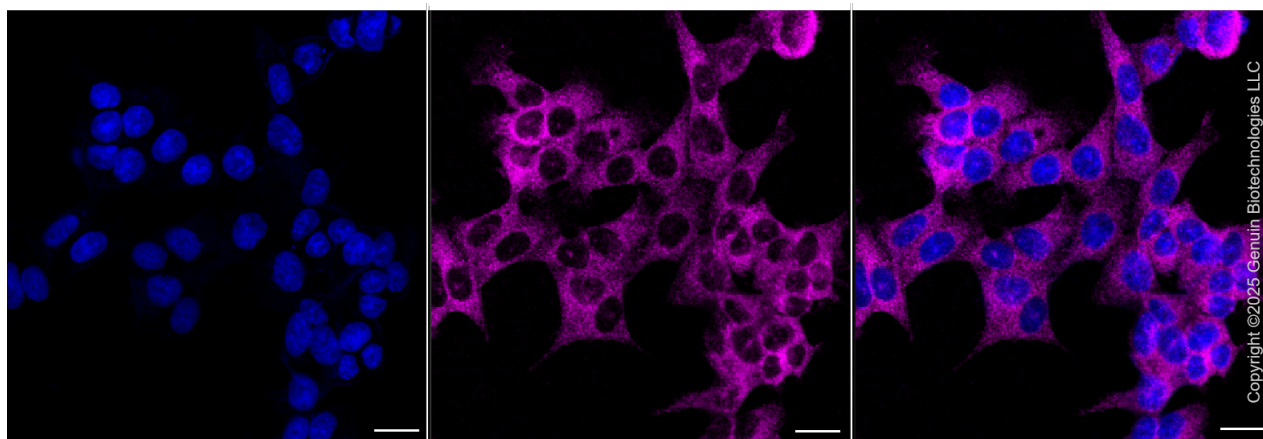
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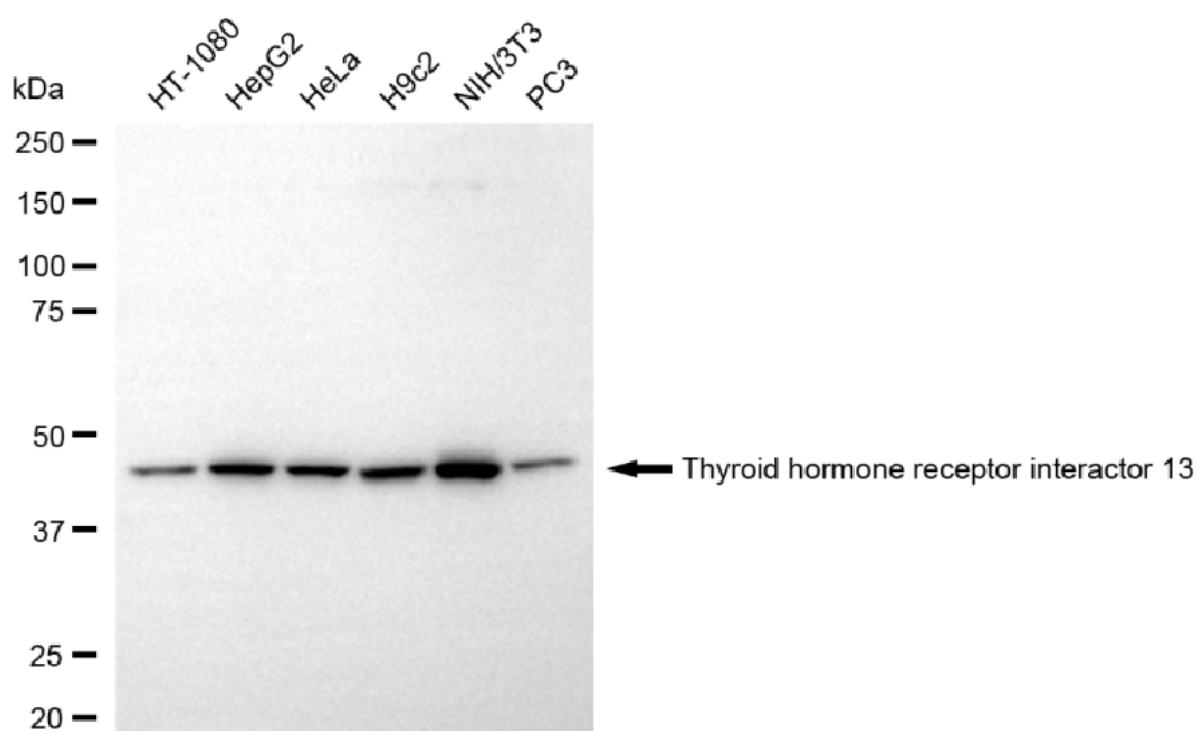
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Immunocytochemical staining of HAP-1 cells with anti-Thyroid hormone receptor interactor 13 antibody (Cat#61794, 1:1,000). Nuclei were stained blue with DAPI; Thyroid hormone receptor interactor 13 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-thyroid hormone receptor interactor 13 antibody (Cat#61794). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-thyroid hormone receptor interactor 13 antibody (Cat#61794, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

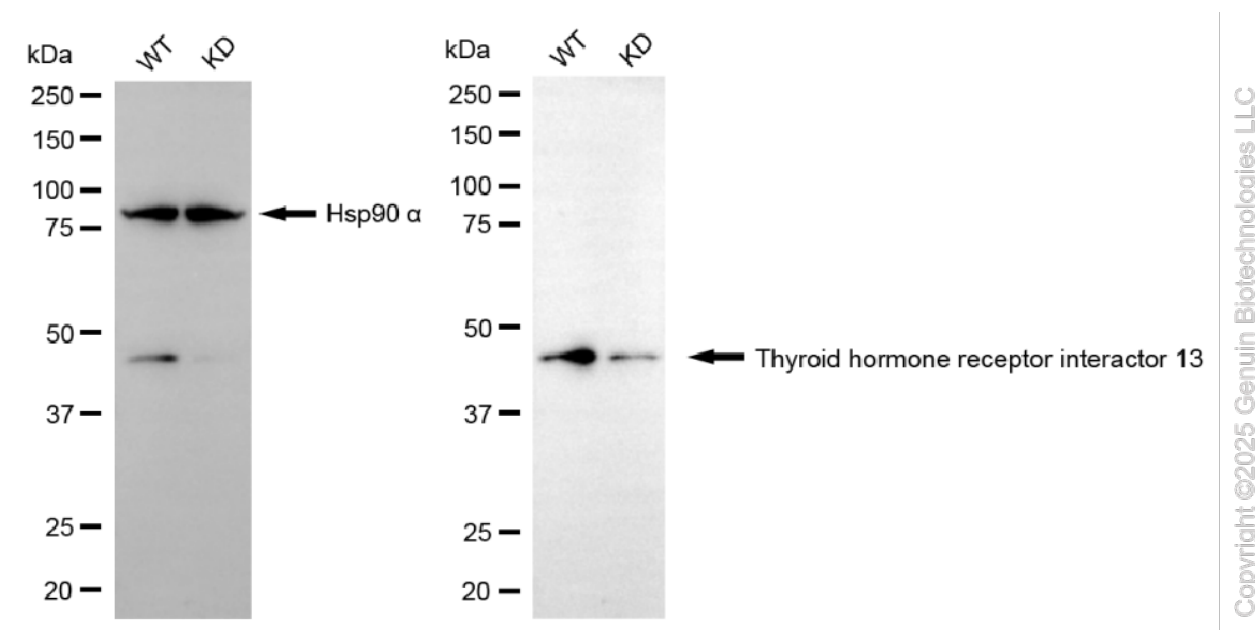
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Western blotting analysis using anti-thyroid hormone receptor interactor 13 antibody (Cat#61794). Thyroid hormone receptor interactor 13 expression in wild-type (WT) and thyroid hormone receptor interactor 13 (TRIP13) knockdown (KD) HSHC cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-thyroid hormone receptor interactor 13 antibody (Cat#61794, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQTM ECL Substrate Kit (Cat#716).