

KD-Validated Anti-THO Complex Subunit 1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 62809

Aliases

THOC1; THO Complex Subunit 1; HPR1; P84; Nuclear Matrix Protein P84; THO Complex 1; HTREX84; P84N5; Tho1; DFNA86

Background

Gene Name: THOC1

NCBI Gene Entry: [9984](#)

UniProt Entry: [Q96FV9](#)

Application Information

Molecular Weight: Predicted, 76 kDa, observed, 76 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB2205

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Nuclear Matrix Protein p84

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

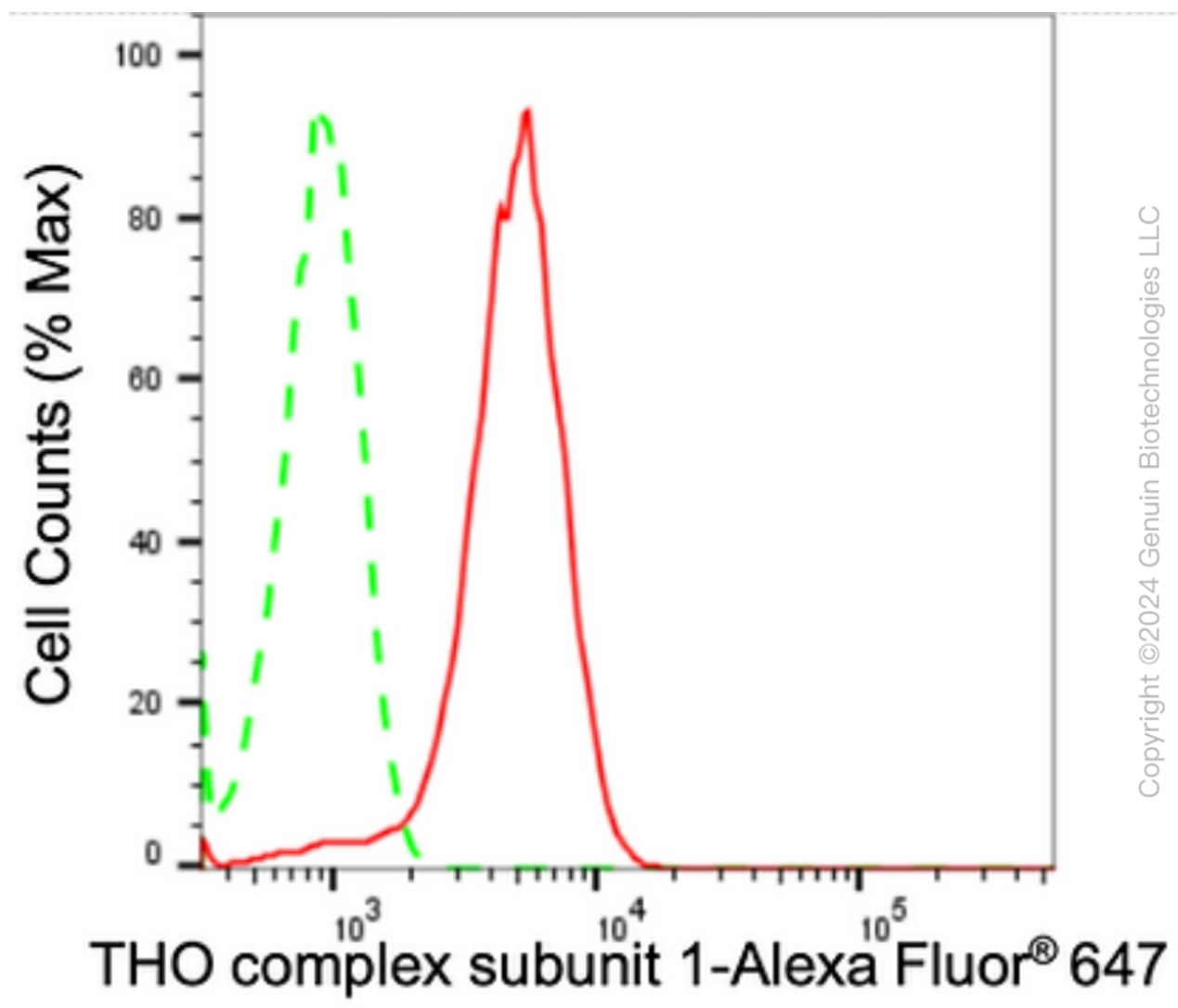
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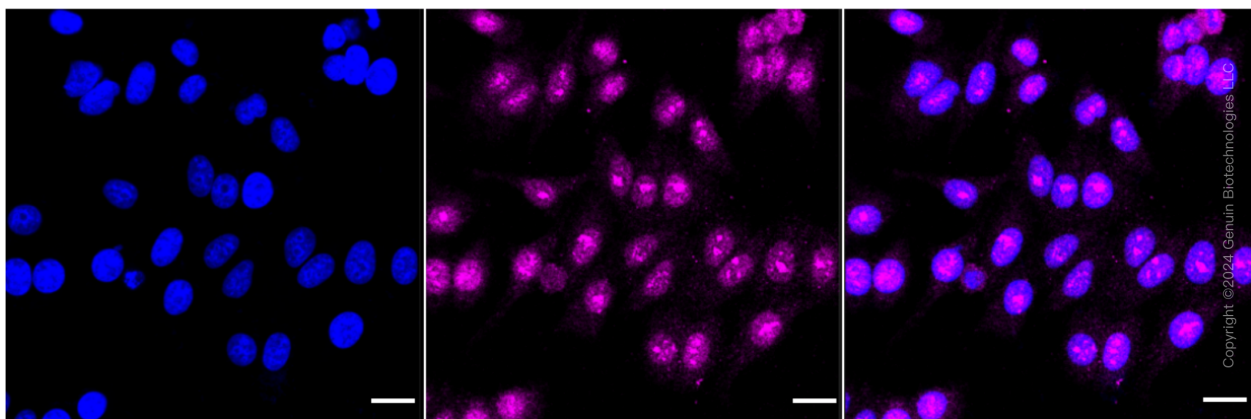
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Flow cytometric analysis of THO complex subunit 1 expression in HepG2 cells using anti-THO complex subunit 1 antibody (Cat#62809, 1:2,000). Green, isotype control; red, THO complex subunit 1.



Immunocytochemical staining of HepG2 cells with anti-THO complex subunit 1 antibody

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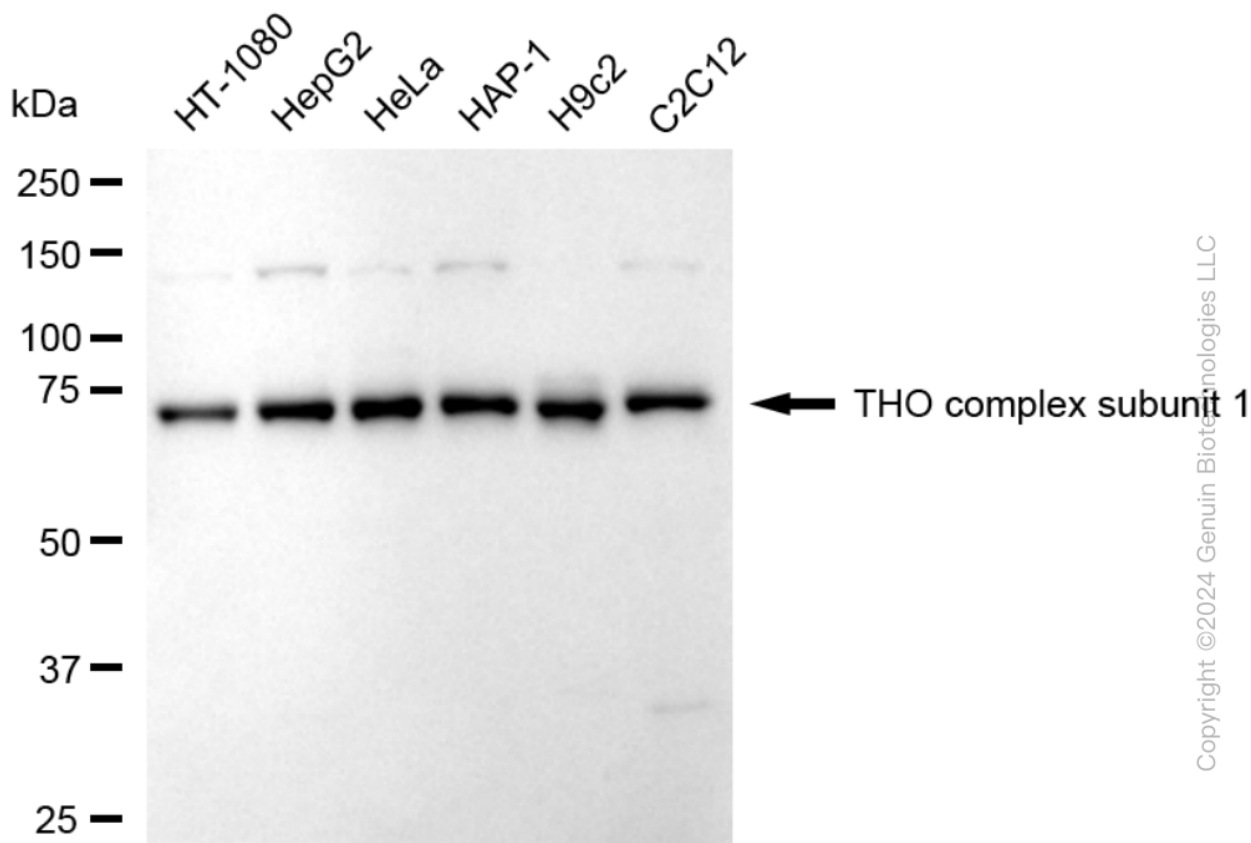
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(Cat#62809, 1:1,000). Nuclei were stained blue with DAPI; THO complex subunit 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-THO complex subunit 1 antibody (Cat#62809). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-THO complex subunit 1 antibody (Cat#62809, 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).

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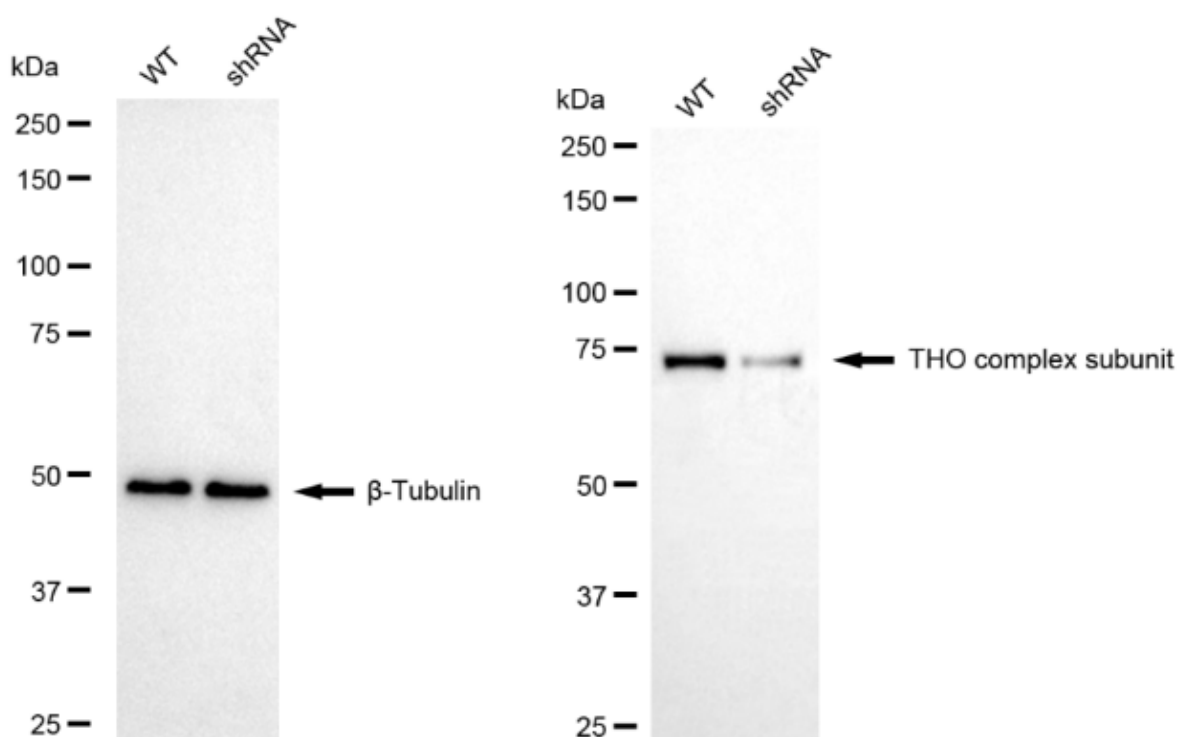
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Western blotting analysis using anti-THO complex subunit 1 antibody (Cat#62809). THO complex subunit 1 expression in wild-type (WT) and THO complex subunit 1 (THOC1) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-THO complex subunit 1 antibody (Cat#62809, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

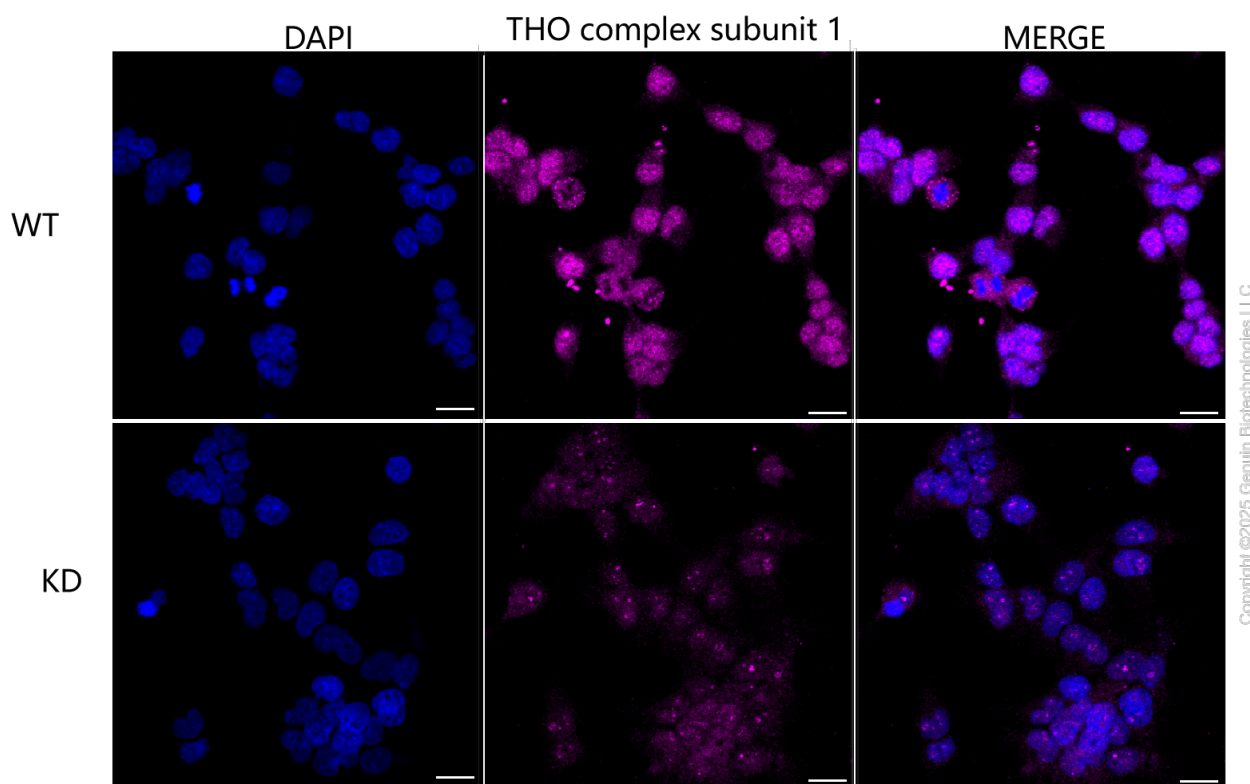
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Immunocytochemical staining of HeLa cells using anti-THO complex subunit 1 antibody (Cat#62809, 1:1,000), Top panel: wild-type (WT); Bottom panel: THO complex subunit 1 shRNA knockdown (KD). Nuclei were stained blue with DAPI; THO complex subunit 1 was stained magenta with Alexa Fluor® 647. Scale bar, 20 μ m. Permeabilization: Triton.