9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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KD-Validated Anti-THO Complex Subunit 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1763

Product Overview

Name	KD-Validated Anti-THO Complex Subunit 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q96FV9
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Nuclear Matrix Protein p84
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 76 kDa , observed , 76 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (Q96FV9)

Gene Name	THOC1
About Gene Symbol	THOC1 (THO Complex Subunit 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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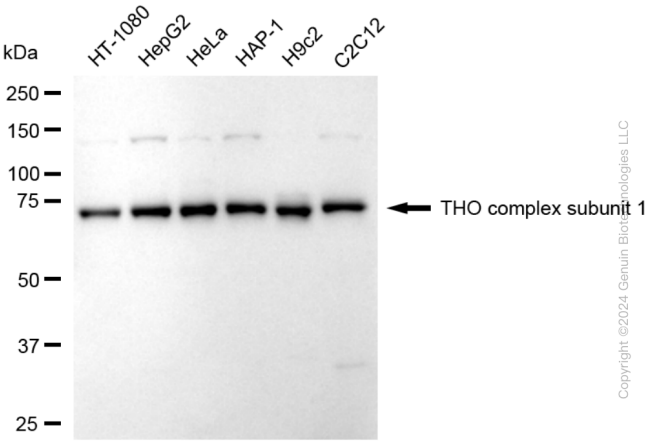

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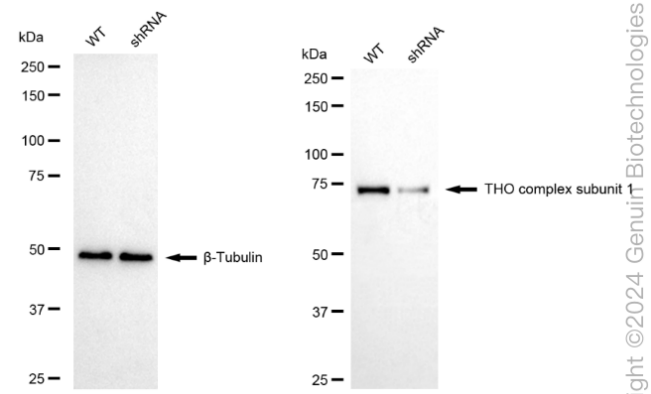
Western blotting analysis using anti-THO complex subunit 1 antibody (Cat#ABG1763). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-THO complex subunit 1 antibody (Cat#ABG1763, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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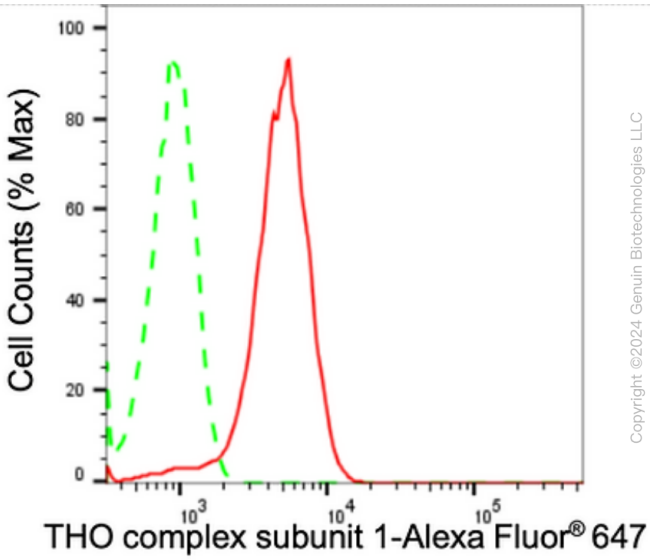
Western blotting analysis using anti-THO complex subunit 1 antibody (Cat#ABG1763). THO complex subunit 1 expression in wild-type (WT) and THO complex subunit 1 (THOC1) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-THO complex subunit 1 antibody (Cat#ABG1763, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of THO complex subunit 1 expression in HepG2 cells using anti-THO complex subunit 1 antibody (Cat#ABG1763, 1:2,000). Green, isotype control; red, THO complex subunit 1.

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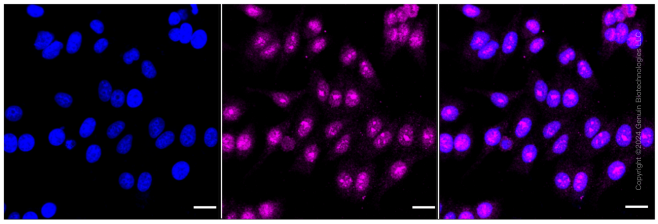

Immunocytochemical staining of HepG2 cells with anti-THO complex subunit 1 antibody (Cat#ABG1763, 1:1,000). Nuclei were stained blue with DAPI; THO complex subunit 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.