

# Anti-Tumor Protein P63 Mouse Monoclonal Antibody



**Catalog #: 4877**

## Aliases

TP63; Tumor Protein P63; P73L; P63; P73H; P51; KET; P40; SHFM4; P53CP; TP73L; EEC3; OFC8; NBP; Chronic Ulcerative Stomatitis Protein; Keratinocyte Transcription Factor KET; Tumor Protein P53-Competing Protein; Transformation-Related Protein 63; Tumor Protein P73-Like; Tumor Protein 63; TP53CP; TP53L; Amplified In Squamous Cell Carcinoma; Tumor Protein P53-Like; B(P51A); B(P51B); CUSP; AIS; LMS; RHS

## Background

Gene Name: TP63

NCBI Gene Entry: [8626](#)

UniProt Entry: [Q9H3D4](#)

## Application Information

Molecular Weight: Predicted, 77 kDa; observed, 77 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB13390

Species Reactivity: Human

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

## Immunogen

A synthesized peptide derived from human p40

## 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): 1:200-1:1,000

Flow Cytometry (FCM): 1:2,000

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

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### SUPPORT

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### ORDERS

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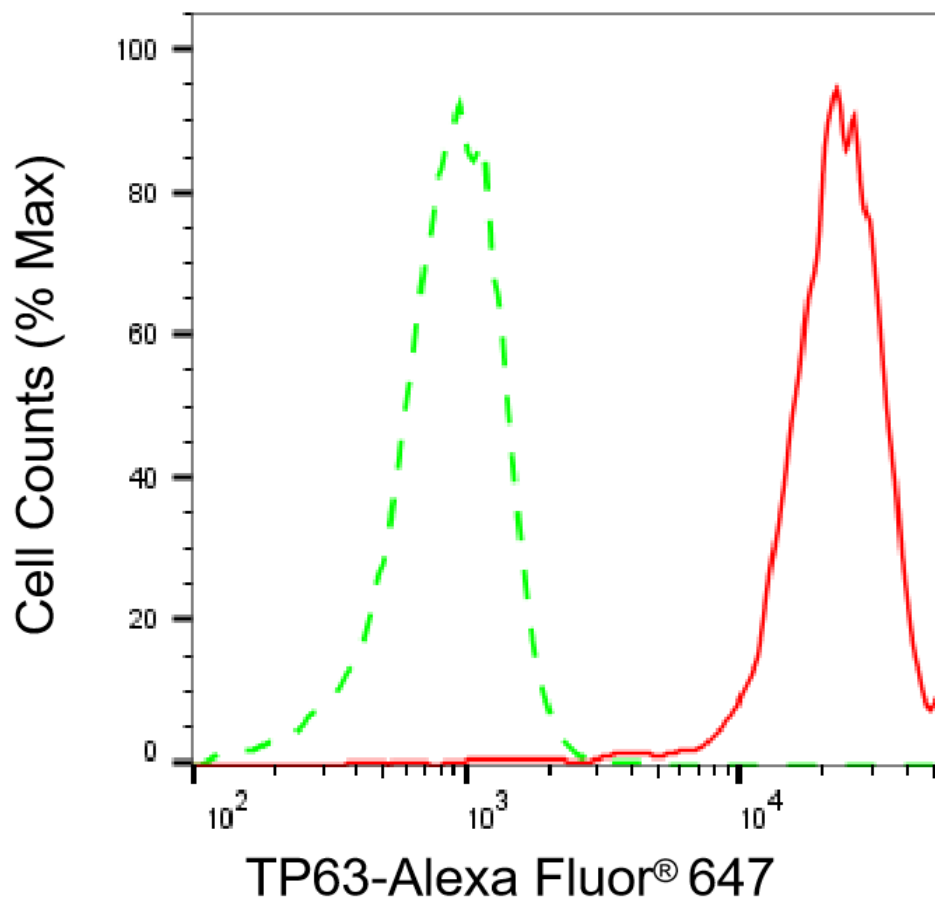
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**Note:** This product is for research use only.

## Validation Data



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Flow cytometric analysis of TP63 expression in HaCaT cells using anti-TP63 antibody (Cat#4877, 1:2,000). Green, isotype control; red, TP63.

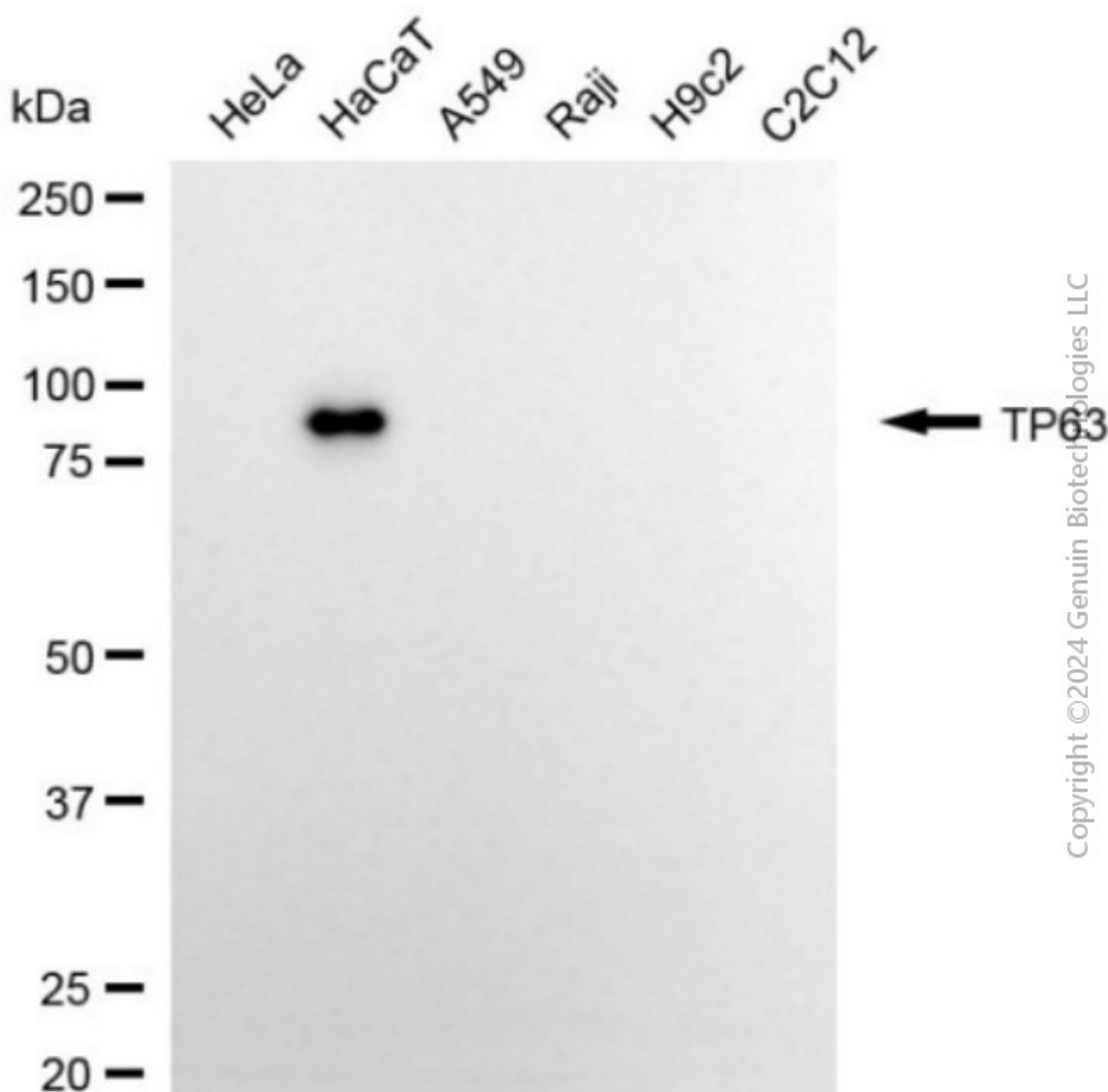
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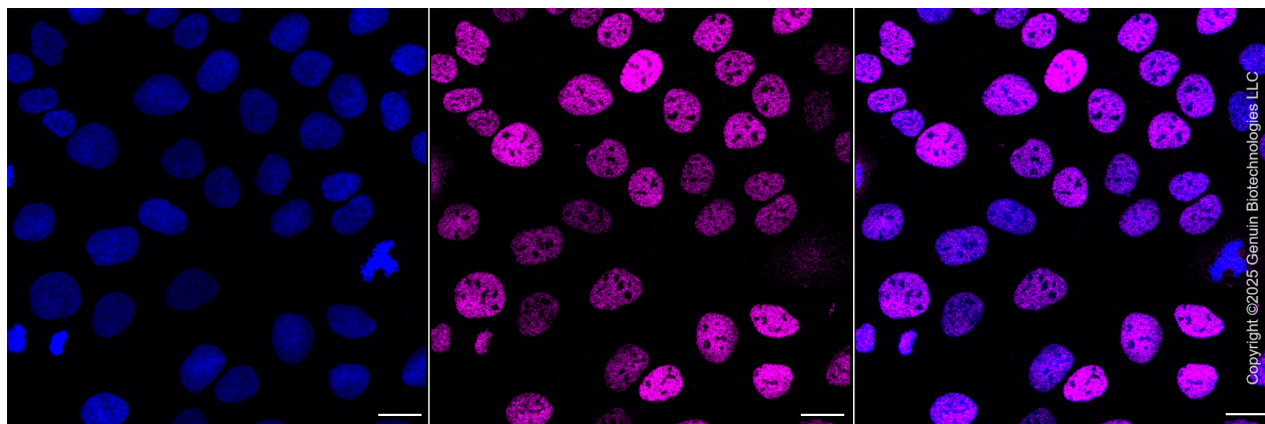
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Western blotting analysis using anti-TP63 antibody (Cat #4877). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TP63 antibody (Cat #4877, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat #101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat #716).



Immunocytochemical staining of HaCaT cells with anti-TP63 antibody (Cat#4877, 1:1,000) . Nuclei were stained blue with DAPI; TP63 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20  $\mu$ m.