

# Anti-Phospho-p53 (S9) Recombinant Rabbit Monoclonal Antibody



**Catalog #: 3072**

## Aliases

TP53; Tumor Protein P53; P53; LFS1; Cellular Tumor Antigen P53; Phosphoprotein P53; Antigen NY-CO-13; Transformation-Related Protein 53; Mutant Tumor Protein 53; Li-Fraumeni Syndrome; Tumor Suppressor P53; Tumor Suppressor P53; Tumor Protein 53; BMFS5; TRP53; BCC7

## Background

Gene Name: TP53

NCBI Gene Entry: [7157](#)

UniProt Entry: [P04637](#)

## Application Information

Molecular Weight: Predicted, 44 kDa; observed, 53 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3925

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human Phospho-p53 (S9)

## 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

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### SUPPORT

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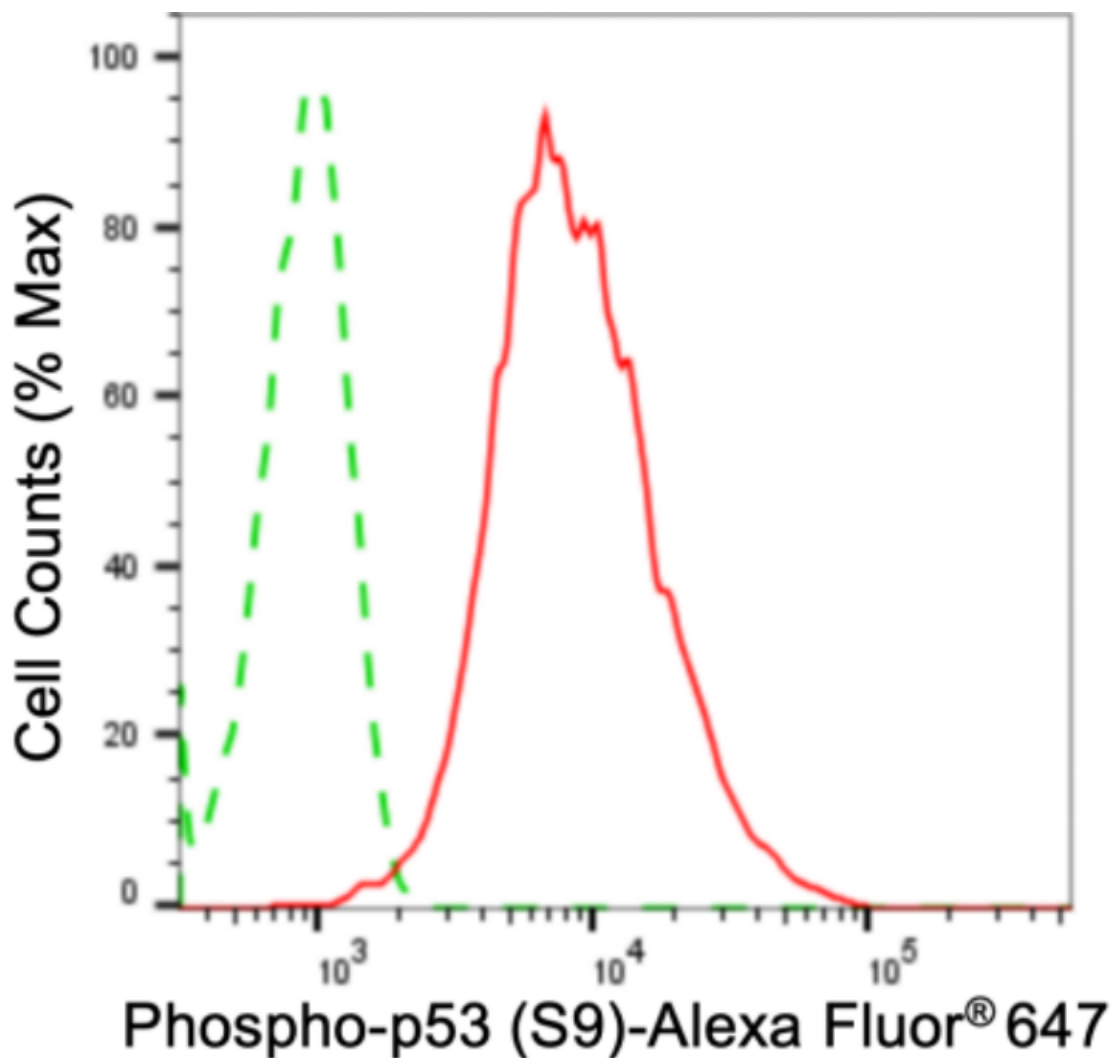
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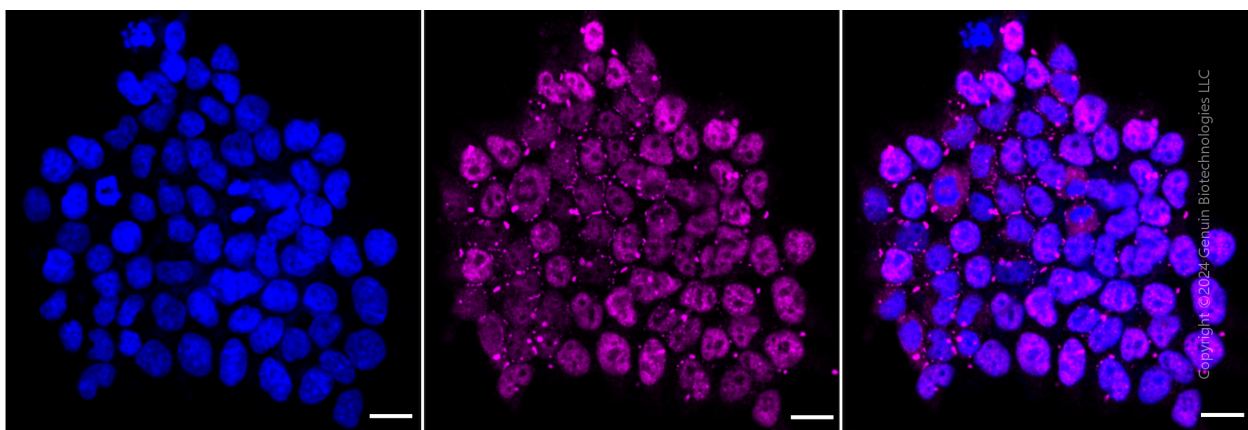
**Note:** This product is for research use only.

## Validation Data



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Flow cytometric analysis of phospho-p53 (S9) expression in HeLa cells using anti-phospho-p53 (S9) antibody (Cat#3072, 1:2,000). Green, isotype control; red, phospho-p53 (S9).



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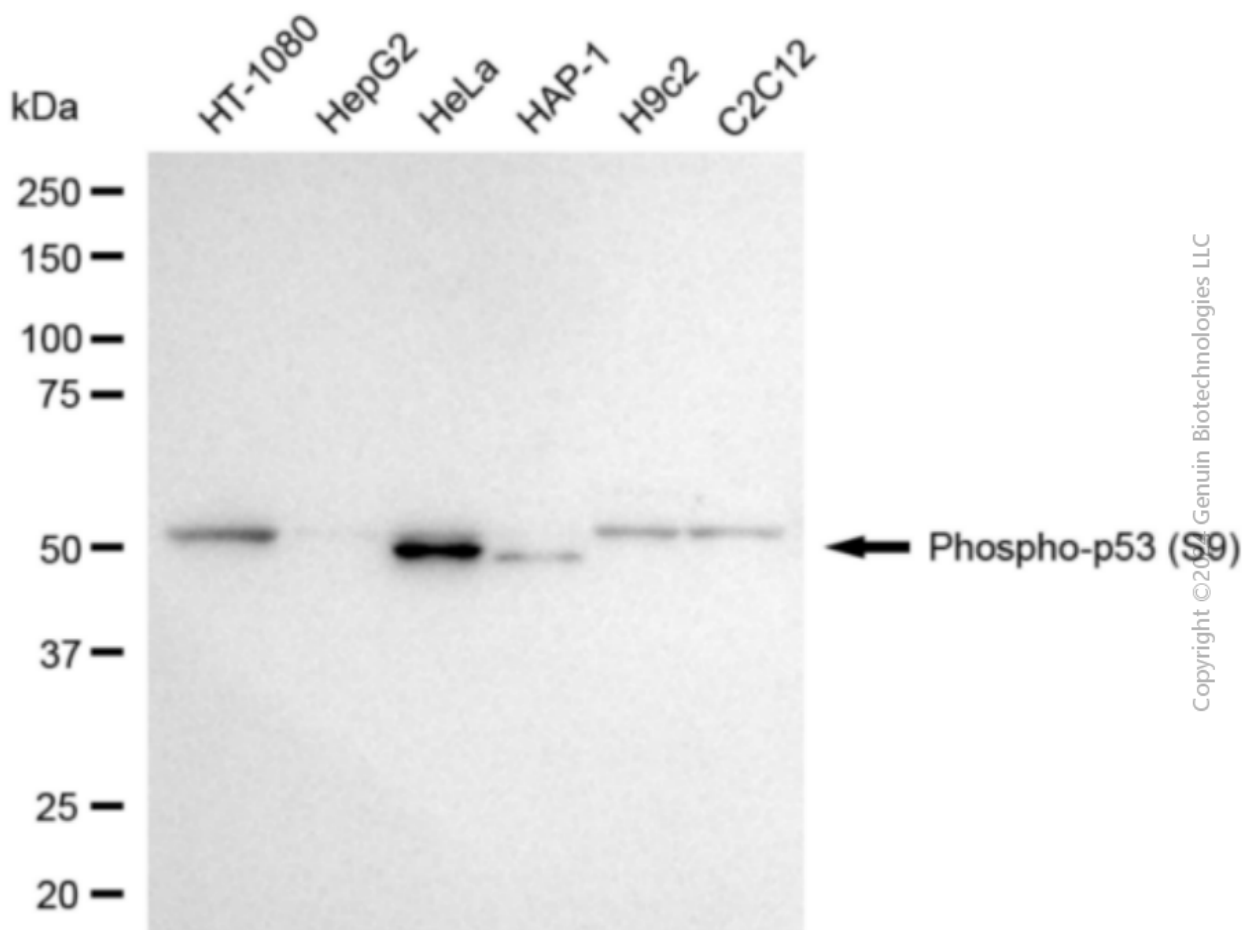
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Immunocytochemical staining of HeLa cells with phospho-p53 (S9) antibody (Cat#3072, 1:1,000). Nuclei were stained blue with DAPI; Phospho-p53 (S9) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.



Western blotting analysis using anti-phospho-p53 (S9) antibody (Cat#3072). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-p53 (S9) antibody (Cat#3072, 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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