KD-Validated Anti-Phospho-p53 (S392) Recombinant Rabbit Monoclonal Antibody

GenuIN BIOTECH
REAL MATTERS

Catalog #: 61663

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 Supressor 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: 25GB3220
Species Reactivity: Human, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-p53 (S392)

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

SUPPORT
SUPPORT@GENUINBIOTECH.COM
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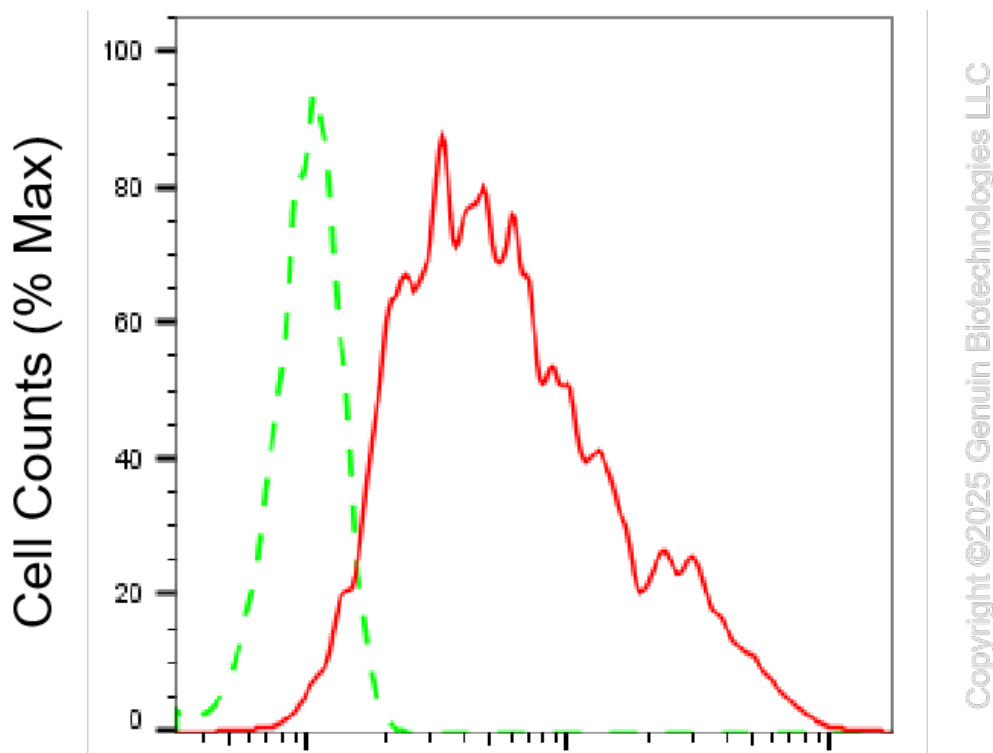
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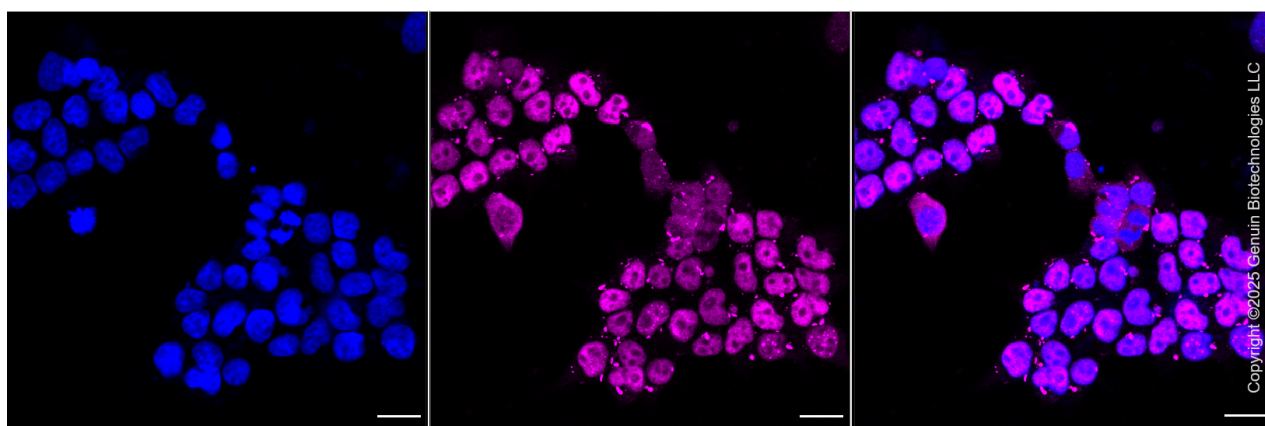# KD-Validated Anti-Phospho-p53 (S392) Recombinant Rabbit Monoclonal Antibody

Note: This product is for research use only.

Validation Data

Flow cytometric analysis of Phospho-p53 (S392) expression in HeLa cells using anti-Phospho-p53 (S392) antibody (Cat#61663, 1:2,000). Green, isotype control; red, Phospho-p53 (S392).

Immunocytochemical staining of Hela cells with anti-Phospho-p53 (S392) antibody (Cat#61663, 1:1,000). Nuclei were stained blue with DAPI; Phospho-p53 (S392) 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.

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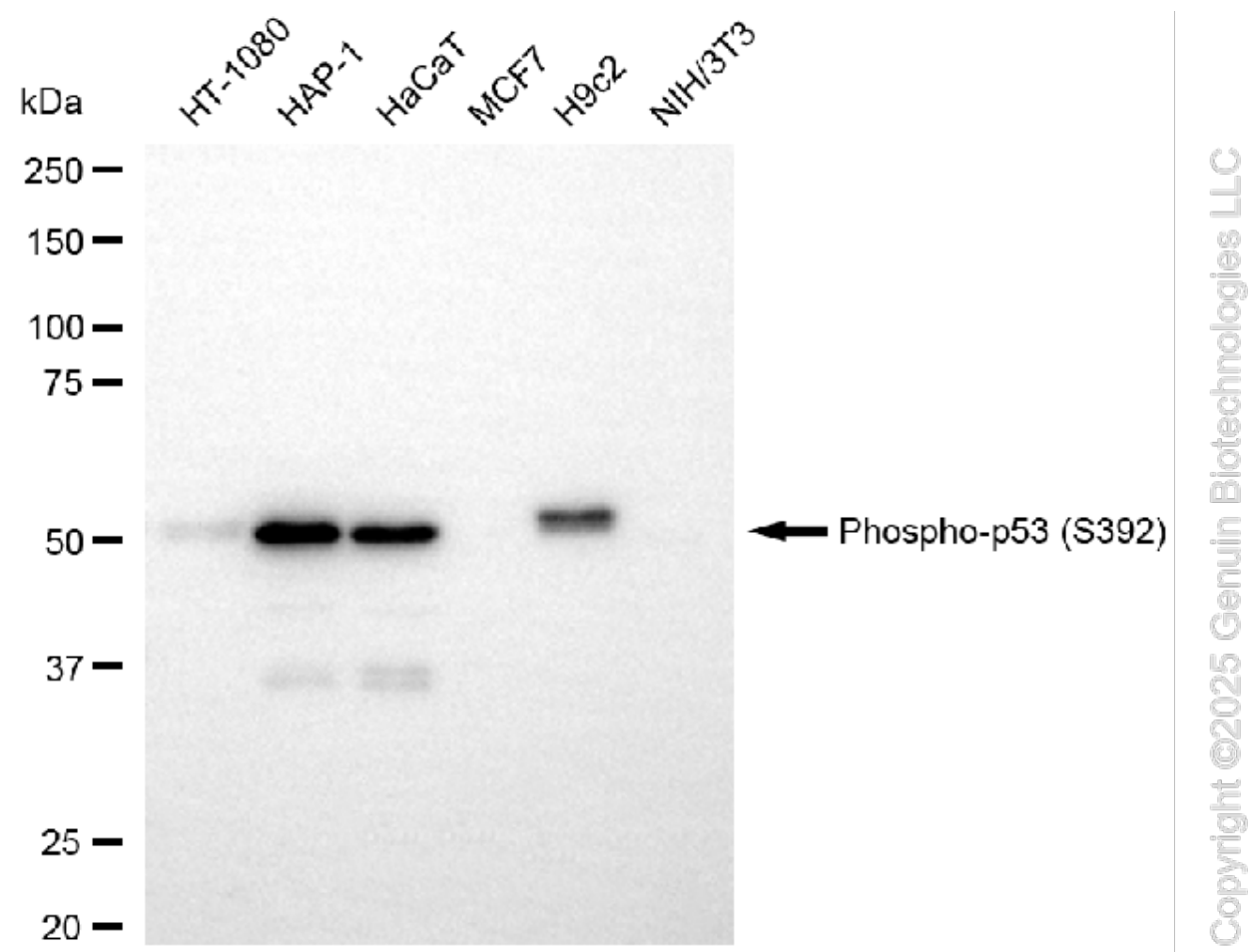SUPPORT@GENUINBIOTECH.COM
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Western blotting analysis using anti-phospho-p53 (S392) antibody (Cat#61663). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-p53 (S392) antibody (Cat#61663, 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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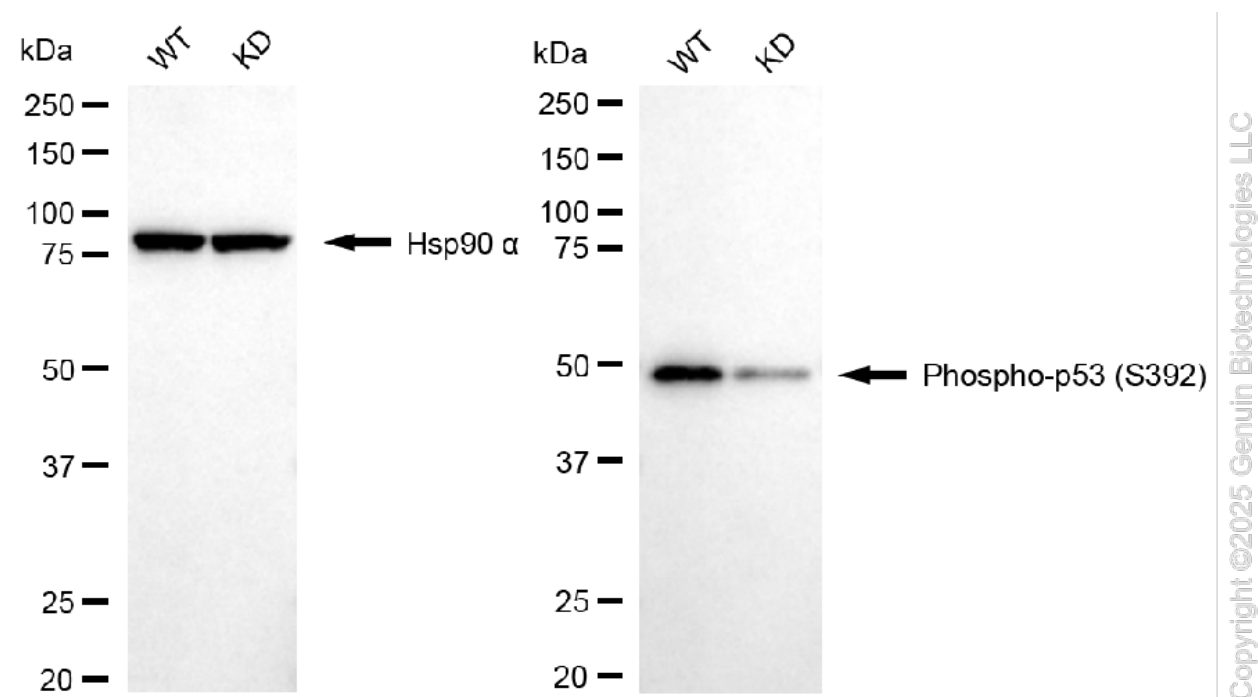SUPPORT@GENUINBIOTECH.COM
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KD-Validated Anti-Phospho-p53 (S392) Recombinant Rabbit Monoclonal Antibody

Western blotting analysis using anti-phospho-p53 (S392) antibody (Cat#61663). Phospho-p53 (S392) expression in wild type (WT) and TP53 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-phospho-p53 (S392) antibody (Cat#61663, 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).