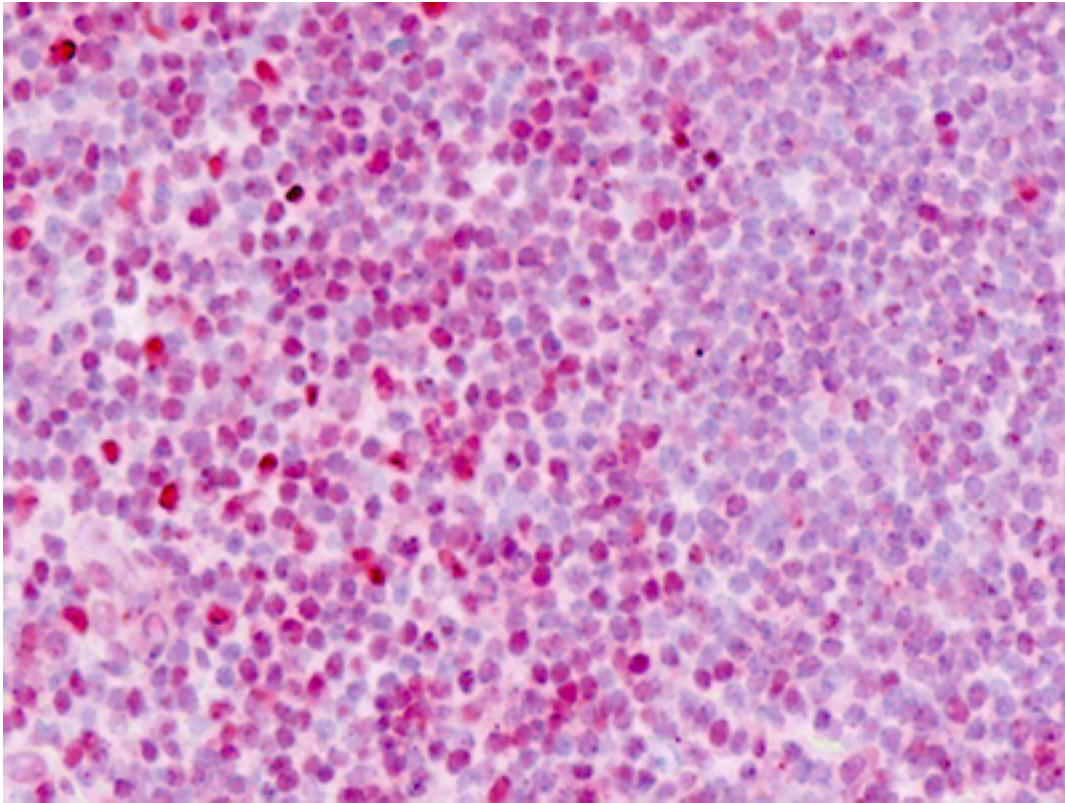


**TP53 / p53 Rabbit anti-Human Polyclonal (Ser315) Antibody - LS-B9038 - LSBio**

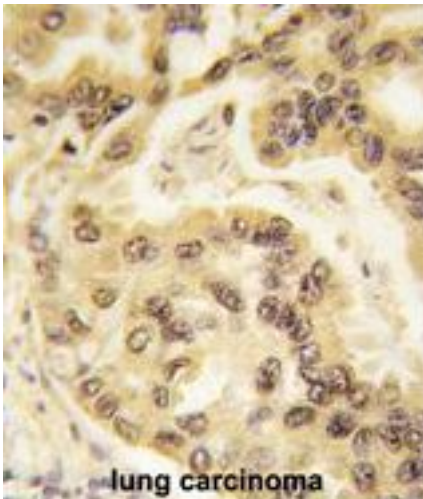
<b>CatalogID:</b>	LS-B9038
<b>Validation:</b>	This antibody replaces catalog number LS-C99925. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	tumor protein p53 (TP53)
<b>Synonyms:</b>	TP53 Antibody, BCC7 Antibody, Cellular tumor antigen p53 Antibody, p53 Antibody, TRP53 Antibody, p53 tumor suppressor Antibody, Phosphoprotein p53 Antibody, Antigen NY-CO-13 Antibody, Tumor protein p53 Antibody, Tumor suppressor p53 Antibody, LFS1 Antibody
<b>Family / Subfamily:</b>	P53 / Not assigned-Other
<b>Host</b>	TP53 antibody was produced in Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	TP53 / p53 antibody was raised against Human
<b>Antigen Type:</b>	Synthetic peptide
<b>Immunogen:</b>	TP53 / p53 antibody was raised against kLH conjugated synthetic peptide corresponding to amino acid residues surrounding S315 of human TP53.
<b>Epitope:</b>	Ser315
<b>Reactivity:</b>	Human
<b>Purification:</b>	Immunoaffinity purified
<b>Presentation:</b>	PBS with 0.09% (w/v) sodium azide
<b>Recommended Storage:</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.
<b>Uses:</b>	IHC - Paraffin (10 µg/ml), Immunofluorescence (1:10 - 1:50), Western blot (1:1000) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	200 µl

**Immunohistochemistry Image:**



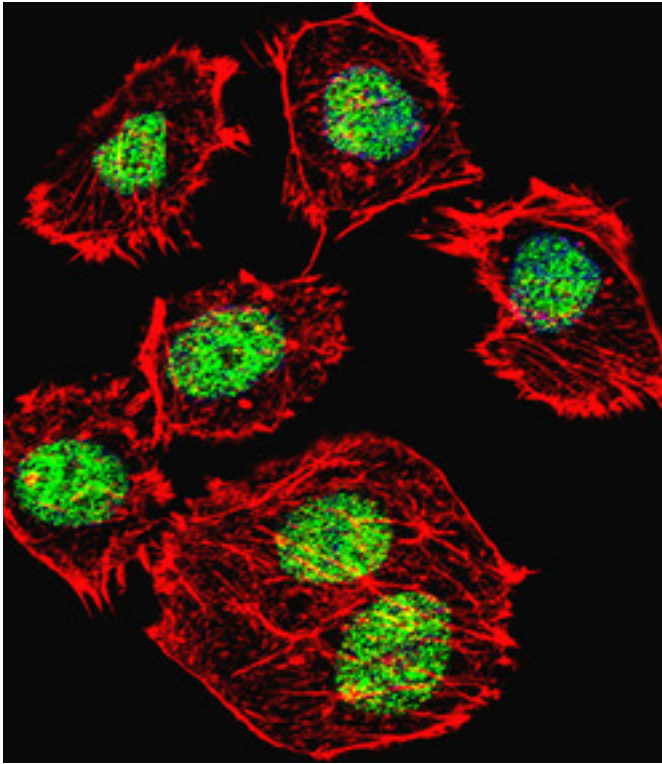
Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

**Immunohistochemistry Image:**



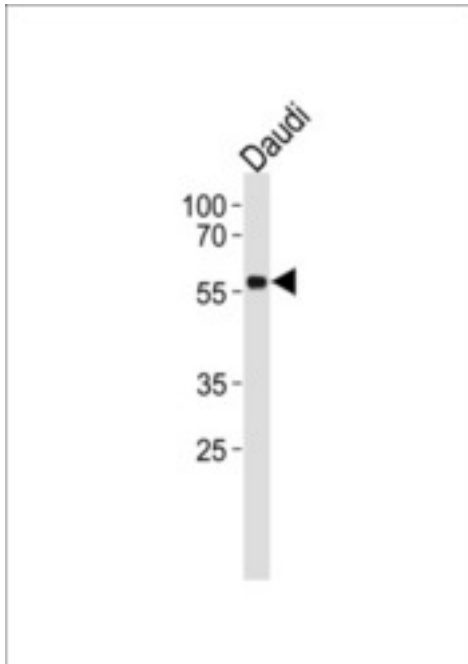
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with p53 Antibody (S315), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

### Immunofluorescence Image:



Fluorescent confocal image of U251 cell stained with p53 Antibody (S315). U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with p53 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7 units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). p53 immunoreactivity is localized to Nucleus significantly.

**Western Blot Image:**



Western blot of p53 Antibody (S315) LS-B9038 in HL60 cell line lysates (35 ug/lane). p53 (arrow) was detected using the purified Pab.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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