

DATASHEET

Version: 2016-08-17

p53 Antibody (Phospho-Ser³⁷), pAb, Rabbit

Cat. No.: A01213-100

Size: 100 µg

Synonyms: p53 (Phospho-Ser37) Antibody ;

Description:

none

Immunogen: Synthesized phosphopeptide derived from human p53 around the phosphorylation site of serine 37 (L-P-S^P-Q-A)

Host: Rabbit

Antigen Synonyms: Human

Conjugation: Unconjugated

Formulation:

1 mg/ml in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide, and 50% glycerol

Ig Subclass: Rabbit IgG

Specificity: Rabbit Anti-p53 (Phospho-Ser³⁷) Polyclonal Antibody detects endogenous levels of p53 only when phosphorylated at serine 37.

Purification: The antibody is affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide is removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Applications:

WB: 1:500-1:1,000

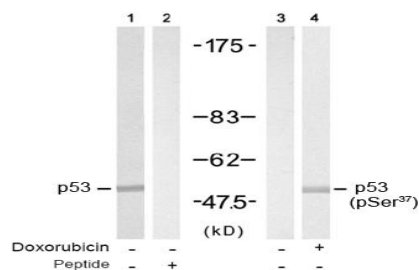
IF: 1:100-1:200

Species Reactivity: Human

Storage:

Store at -20°C/1 year.

Example



Western blot analysis of extract from HT-29 cell untreated or treated with Doxorubicin (1 mM, 30 min), using Rabbit Anti-p53 (Ab-37) Polyclonal Antibody (GenScript, A01221, lane 1 and 2) and Rabbit Anti-p53 (Phospho-Ser³⁷) Polyclonal Antibody (GenScript, A01213, lane 3 and 4)

Immunofluorescence staining of methanol-fixed HeLa cells using Rabbit Anti-p53 (Phospho-Ser³⁷) Polyclonal Antibody (GenScript, A01213, Red)