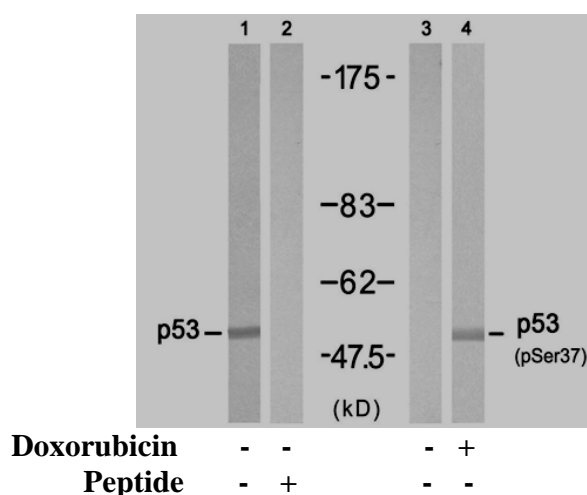


## Rabbit anti p53 (pSer37)

<b>Catalog Number:</b>	pAP11098
<b>Amount:</b>	100µl (for 10 Western Blotting)
<b>Form of Antibody:</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage/Stability:</b>	Store at -20°C/1 year
<b>Immunogen:</b>	The antiserum was produced against synthesized phosphopeptide derived from human p53 around the phosphorylation site of serine 37 (L-P-S <sub>P</sub> -Q-A).
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
<b>Specificity/Sensitivity:</b>	p53 (phospho-Ser37) antibody detects endogenous levels of p53 only when phosphorylated at serine 37.
<b>Reactivity:</b>	Human
<b>Applications:</b>	WB: 1:1000
<b>Swiss-Prot No. :</b>	P04637
<b>References:</b>	Ito, A. et al. (2001) EMBO J. 20, 1331-1340. Sakaguchi, K. et al. (1998) Genes Dev. 12, 2831-2841. Solomon, J.M. et al. (2006) Mol. Cell. Biol. 26, 28-38.



Western blot analysis of extract from HT-29 cell untreated or treated with Doxorubicin (1mM, 30min), using p53 (Ab-37) Antibody (AP21089, Lane 1 and 2) and p53 (phospho-Ser37) antibody (pAP11098, Lane 3 and 4).

**For Research Use Only**

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