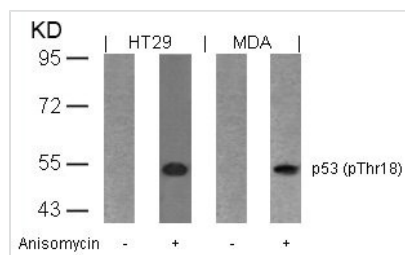




Phospho-TP53 (Thr18) Antibody

Product Code	CSB-PA109326
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P04637
Immunogen	Peptide sequence around phosphorylation site of threonine 18 (Q-E-T(p)-F-S) derived from Human p53.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous level of p53 only when phosphorylated at threonine 18.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological circumstances and cell type. Involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. One of the activated genes is an inhibitor of cyclin-dependent kinases. Apoptosis induction seems to be mediated either by stimulation of BAX and FAS antigen expression, or by repression of Bcl-2 expression. Implicated in Notch signaling cross-over. Lin T, et al. (2005) Nat Cell Biol; 7(2): 165-71. Vega FM, et al. (2004) Mol Cell Biol; 24(23): 10366-80. Li J, et al. (2004) J Biol Chem; 279(40): 41275-9. Wang J, et al. (2004) J Biol Chem; 279(38): 39584-92.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	Antigen NY-CO-13; Phosphoprotein p53; TP53; Tumor suppressor p53;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	TP53
Image	



Western blot analysis of extracts from HT29 and MDA cells untreated or treated with anisomycin using p53(Phospho-Thr18) Antibody.

Product Modify

Phospho-Thr18