

Phospho-TP53 (Thr18) Antibody



PACO23850

Product Information

Size:

100ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:1000

Protein Background:

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.

Gene ID:

TP53

Uniprot

P04637

Synonyms:

Antigen NY-CO-13; Phosphoprotein p53; TP53; Tumor suppressor p53;

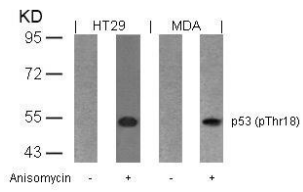
Immunogen:

Peptide sequence around phosphorylation site of threonine 18 (Q-E-T(p)-F-S) derived from Human p53.

Storage:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



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