

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 35-1092: Polyclonal Antibody to p53 (Phospho-Thr18)

Clonality: Polyclonal
Application: WB
Reactivity: Human
Gene: TP53
Gene ID: 7157
Uniprot ID: P04637

Alternative Name: Antigen NY-CO-13, Phosphoprotein p53, TP53, Tumor suppressor p53

Isotype: Rabbit IgG

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

p53.

Purified

## **Description**

Format:

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.

## **Product Info**

**Amount**: 50 μl / 100 μl

Content: 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.

Storage condition:

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 53kd, Western blotting: 1:500~1:1000

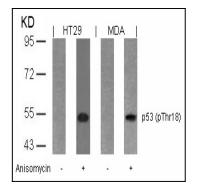


Figure 1: Western blot analysis of extracts from HT29 and MDA cells untreated or treated with anisomycin using p53(Phospho-Thr18) Antibody 35-1092 .