

Product datasheet for **AP08002PU-S**

p53 (TP53) pThr18 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot (1/500-1/1000).
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human p53 around the phosphorylation site of threonine 18 (Q-E-TP-F-S).
Specificity:	This antibody p53 (Phospho-Thr18) antibody detects endogenous levels of p53 only when phosphorylated at threonine 18.
Formulation:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography: The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	tumor protein p53
Database Link:	Entrez Gene 7157 Human P04637
Synonyms:	Cellular tumor antigen p53, Tumor suppressor p53, Phosphoprotein p53, NY-CO-13



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Product images:

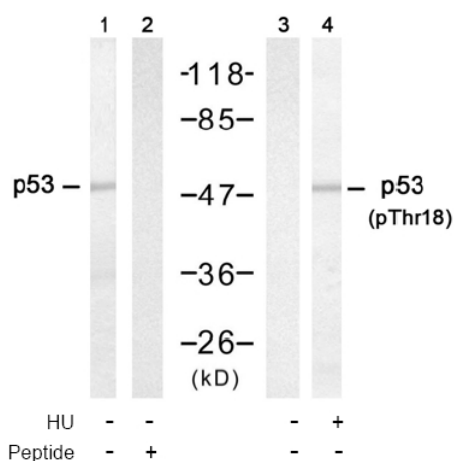


Figure 2. Western blot analysis of extract from HT-29 cells untreated or treated with hydroxyurea using p53 antibody AP08047PU (Lane 1 and 2) and p53 (pThr18) antibody AP08002PU (Lane 3 and 4).