

p53 (Phospho-Thr387) Antibody

Catalog Number: E11-8051A

Concentration: 1 mg/ml

Swiss-Prot No.: P04637

Other Names: Antigen NY-CO-13; Cellular tumor antigen p53; Phosphoprotein p53; TP53; tumor protein p53; Tumor suppressor p53

All Sites: Human: Thr387

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human p53 around the phosphorylation site of threonine 387 (F-K-T^P-E-G).

Purification: 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.

Specificity: p53 (Phospho-Thr387) antibody detects endogenous levels of p53 only when phosphorylated at threonine 387.

Reactivity: Human (Identities = 100%, Positives = 100%)

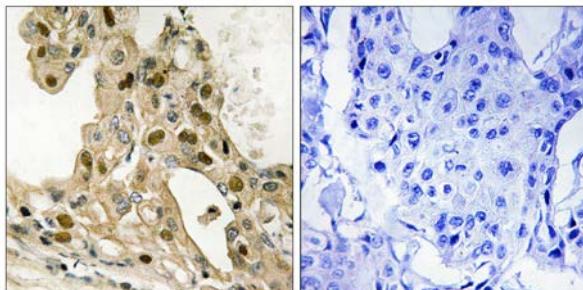
Applications: IHC: 1:50~1:100 ELISA: 1:1000

References:

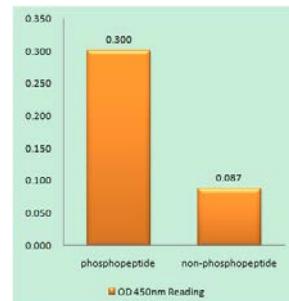
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Lamb P., Mol. Cell. Biol. 6:1379-1385(1986).

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P-peptide - +
Immunohistochemistry analysis of paraffin-embedded
human breast carcinoma tissue using p53
(Phospho-Thr387) antibody.



p53 (Phospho-Thr387) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.