

## p53 (Acetyl-Lys386) Antibody [#D0017]

- Catalog Number:** D0017
- Amount:** 50µg/50µl, 100µg/100µl, 200µg/200µl
- Swiss-Prot No. :** P04637
- All Names:** Antigen NY-CO-13, Cellular tumor antigen p53, Phosphoprotein p53, TP53, Tumor suppressor p53
- All Sites:** Human: Lys386
- Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
- Storage/Stability:** Store at -20°C/1 year
- Immunogen:** The antiserum was produced against synthesized acetylated peptide derived from human p53 around the acetylation site of lysine 386 (M-F-K<sup>A</sup>-T-E).
- Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific acetylated peptide. The antibody against non-acetylated peptide was removed by chromatography using non-acetylated peptide corresponding to the acetylation site.
- Specificity/Sensitivity:** p53 (acetyl-Lys386) antibody detects endogenous levels of p53 only when acetylated at lysine 386.
- Reactivity:** Human
- Applications:** IHC: 1:50~1:100 ELISA: 1:40000
- References:** Lin Liu, Mol. Cell. Biol., Feb 1999; 19: 1202 - 1209.  
James J. Lee, AACR Meeting Abstracts, Apr 2005; 2005: 511.  
Kazuyasu Sakaguchi, Genes & Dev., Sep 1998; 12: 2831.  
Chad D. Knights, J. Cell Biol., May 2006; 173: 533 - 544.