



P53 (Acetyl-Lys373) Antibody

Antibody

#15083

Catalog Number: 15083-1, 15083-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P04637

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 peptide derived from Human p53 around the acetylation site of Lysine373.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

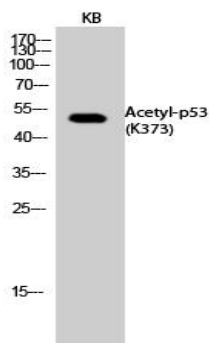
Specificity/Sensitivity: p53 (Acetyl-Lys373) Antibody detects endogenous levels of p53 protein only when acetylated at Lys373.

Reactivity: Human

Applications:

Predicted MW: 53kd

WB: 1:500~1:2000



Western Blot analysis of KB cells using

Acetyl-p53 (K373) Antibody.

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