



Chk2 (Phospho-Thr383) Antibody

E11-0784A

Catalog Number: E11-0784A

Concentration: 1mg/ml

Swiss-Prot No.: O96017

Other Names: CHEK2, CHK2, Cds1, Chk2, EC 2.7.11.1, RAD53, kinase Chk2

All Sites: Human: Thr383; Mouse: Thr387; Rat: Thr386

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 Chk2 around the phosphorylation site of threonine 383 (M-R-T^P-L-C).

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: Chk2 (Phospho-Thr383) antibody detects endogenous levels of Chk2 only when phosphorylated at threonine 383.

Reactivity: Human, Mouse, Rat

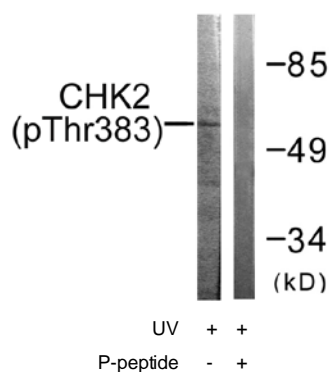
Applications: WB: 1:500~1:1000 IF: 1:100~1:500
ELISA: 1:20000

References:

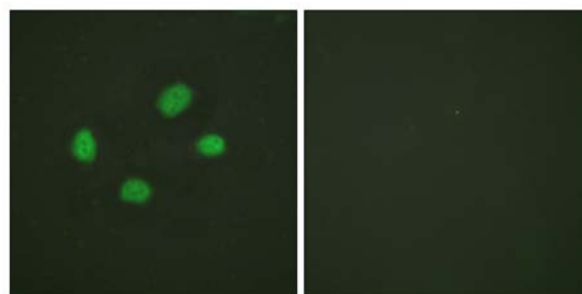
Shannon L. Gibson, Cancer Res., Dec 2005; 65: 10734 - 10741.

Jinwoo Ahn, J. Biol. Chem., Dec 2002; 277: 48418 - 48426.

Nabil H. Chehab, Genes & Dev., Feb 2000; 14: 278.



Western blot analysis of extracts from COS7 cells, treated with UV (30mins), using Chk2 (Phospho-Thr383) antibody.



Immunofluorescence analysis of HeLa cells, using Chk2 (Phospho-Thr383) antibody.

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