



TK (Phospho-Ser13) Antibody

E11-0586A

Catalog Number: E11-0586A

Concentration: 1mg/ml

Swiss-Prot No.: P04183

Other Names: EC 2.7.1.21, KITH, TK-1, TK1, Thymidine kinase, cytosolic

All Sites: Human: Ser13; Mouse: Ser13

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 TK around the phosphorylation site of serine 13 (P-G-S^P-P-S).

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: TK (Phospho-Ser13) antibody detects endogenous levels of TK only when phosphorylated at serine 13.

Reactivity: Human, Mouse

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100

ELISA: 1:5000~1:10000

References:

N Singh, Mol. Cell. Biol., May 1991; 11: 2362 - 2374.

Bin Tian, Am. J. Pathol., Aug 2003; 163: 789.

René Gerolami, Cancer Res., Feb 2000; 60: 993 - 1001.

Catia Traversari, Blood, Jun 2007; 109: 4708 - 4715.

