



p70S6Kinase β (Phospho-Ser423)Antibody

E11-8157A

Catalog Number: E11-8157A

Concentration: 1mg/ml

Swiss-Prot No.: Q9UBS0

Other Names: 14 beta; 70 kDa ribosomal protein S6 kinase 2; EC 2.7.11.1; kinase p70S6K-beta; KS6B2; p70 ribosomal S6 kinase beta; p70 S6Kbeta; p70-S6KB; p70S6K-beta; Ribosomal protein S6 kinase beta 2; RPS6KB2; S6 kinase-related kinase; S6K-beta 2; S6K2; SRK; STK14B

All Sites: Human: Ser423; Mouse: Ser423

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

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.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human p70 S6 Kinase β around the phosphorylation site of serine 423 (P-V-S^P-P-L).

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: p70 S6 Kinase β (Phospho-Ser423) antibody detects endogenous levels of p70 S6 Kinase β only when phosphorylated at serine 423.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 84%, Positives = 92%)

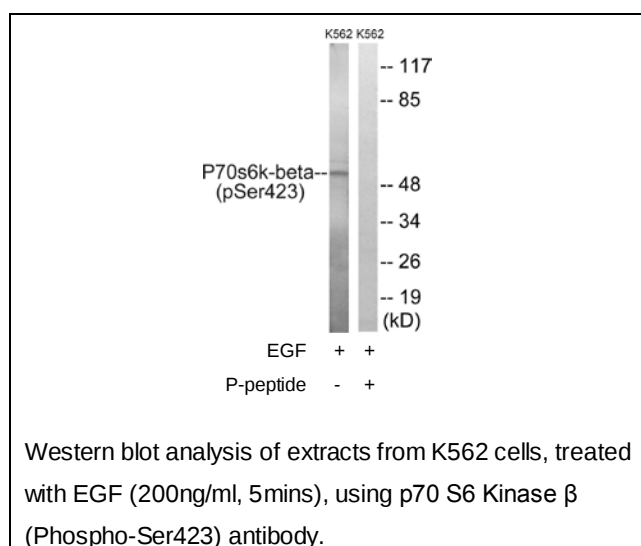
Applications: WB: 1:500~1:1000 ELISA: 1:1000

References:

Gout I., J. Biol. Chem. 273:30061-30064(1998).

Saitoh M., Biochem. Biophys. Res. Commun. 253:470-476(1998).

Lee-Fruman K.K., Oncogene 18:5108-5114(1999).



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