



Akt(Phospho-Ser473) Antibody

E11-7004A

Catalog Number: E11-7004A

Amount: 100 μ g/100 μ l

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.

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

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Akt around the phosphorylation site of Serine473 (Q-F-S^P-Y-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/Sensitivity: Akt(Phospho-Ser473) Antibody detects endogenous levels of Akt only when phosphorylated at Serine 473.

Reactivity: Human, Mouse, Rat

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

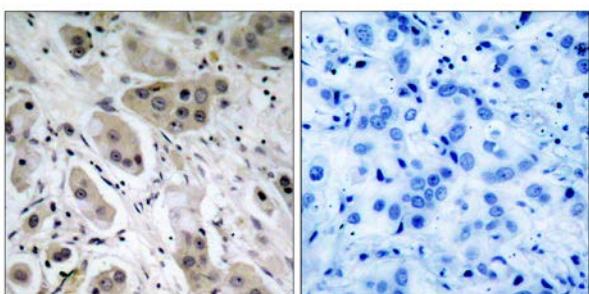
ELISA: 1:5000

Swiss-Prot No.: P31749

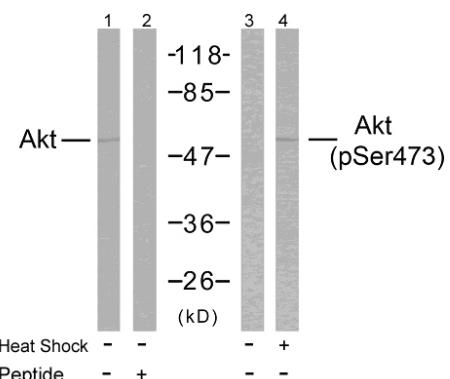
References: Baudhuin LM, et al. (2004) FASEB J Feb; 18(2): 341-3.

Min YH, et al. (2004) Cancer Res; 64(15): 5225-31.

Feng J, et al. (2004) J Biol Chem; 279(34): 35510-7.



Immunohistochemical analysis of paraffin-embedded breast carcinoma, using Akt(Phospho-Ser473) Antibody. Left: Untreated; Right: Treated with synthesized phosphopeptide.



Western blot analysis of extracts from HeLa cells treated or untreated with heat shock using Akt(Ab-473) Antibody and Akt(Phospho-Ser473) Antibody.