



Akt (Ab-473) Antibody

E11-7004B

Catalog Number: E11-7004B

Amount: 100µg/100µl

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: This antiserum was produced against synthesized non-phosphopeptide derived from human Akt around the phosphorylation site of Serine 473.

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

Specificity/Sensitivity: Akt (Ab-473) Antibody detects endogenous levels of total Akt protein.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:3000 IHC: 1:50~1:100
ELISA: 1:10000

Swiss-Prot No. : P31749

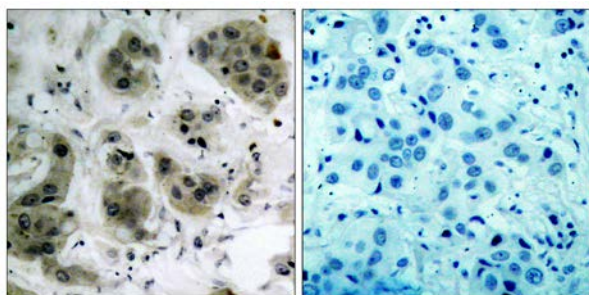
References: Baudhuin LM, et al. (2004) FASEB J Feb; 18(2): 341-3.

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

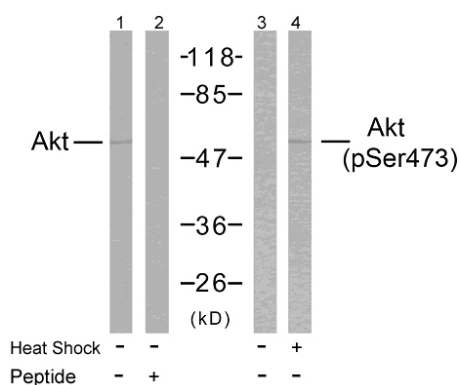
Feng J, et al. (2004) J Biol Chem; 279(34): 35510-7.

Ayala G, et al. (2004) Clin Cancer Res; 10(19): 6572-8.

Lungu AO, et al. (2004) J Biol Chem; 279(47): 48794-800.



Immunohistochemical analysis of paraffin-embedded breast carcinoma tissue, using Akt (Ab-473) Antibody (#B7004). Left: Untreated; Right: Treated with synthesized peptide.



Western blot analysis of extracts from HeLa cells treated or untreated with heat shock using Akt (Ab-473) Antibody (#B7004) and Akt (Phospho-Ser473) Antibody (#11168). Line1: Using #B7004; Line2: Using #B7004 preincubated with synthesized peptide.

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