

- Catalog Number:** 51124-1, 51124-2
- Amount:** 50µg/50µl, 100µg/100µl
- Form of Peptide :** Peptide in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
- Storage:** Store at -20°C.
- Quality Control:** The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.
- Peptide Information :** The synthesized phosphopeptide was derived from human Akt2 around the phosphorylation site of serine 474 (Q-F-S<sup>P</sup>-Y-S).
- Specificity:** The peptide specifically blocks the signal of Akt2 (phospho-Ser474) antibody(#11124) completely in Western blotting and IHC.
- Applications:** For Western blotting:add 10 µl of antibody and 10 µl of blocking peptide to 10 ml of antibody dilution buffer, and incubate at 4°C over night or at room temperature for 2 hours before allowing to react with the blot.
- Swiss-Prot No. :** P31751
- References:** Sun M, et al. (2001) Cancer Res; 61(16): 5985-91.  
Yuan ZQ, et al. (2000) Oncogene; 19(19): 2324-30.  
Meier R, et al. (1997) J Biol Chem; 272(48): 30491-7.

