



## Zap-70 (Phospho-Tyr493) Antibody

E01160

**Catalog Number:** E011160-1, E011160-2

**Amount:** 50 $\mu$ g/50 $\mu$ l, 100 $\mu$ g/100 $\mu$ l

**Swiss-Prot No.:** P43403

**Form of Antibody:** Rabbit IgG 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/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Zap-70 around the phosphorylation site of tyrosine 493 (S-Y-Y<sup>P</sup>-T-A).

**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:** Zap-70 (phospho-Tyr493) antibody detects endogenous levels of Zap-70 only when phosphorylated at tyrosine 493

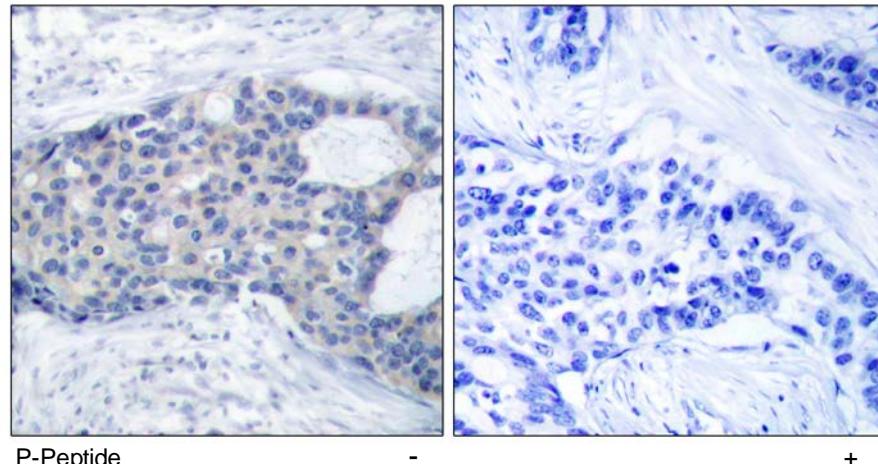
**Reactivity:** Human, Mouse, Rat

**Applications:** IHC: 1:50~1:100

**References:** Chan AC, et al. (1995) EMBO J; 14(11): 2499-2508

Kong G, et al. (1996) Mol Cell Biol; 16(9): 5026-5035

Salomon AR, et al. (2003) Proc Natl Acad Sci U S A; 100(2): 443-448



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using Zap-70 (phospho-Tyr493) antibody (E011160).