



## Survivin (Phospho-Thr117) Antibody

#14145

**Catalog Number:** 14145-1, 14145-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** O15392

**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 Survivin around the phosphorylation site of Threonine 117

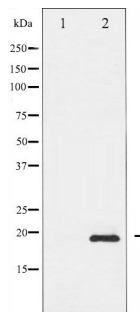
**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Specificity/Sensitivity:** Phospho-Survivin (Thr117) Antibody detects endogenous levels of Survivin only when phosphorylated at Threonine 117

**Reactivity:** Human, Mouse, Rat

### Applications:

Predicted MW: 16kd      WB: 1:500~1:2000      IHC: 1:50-200



Western blot analysis of Survivin phosphorylation expression in A549 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

### Background :

Survivin is an apoptosis inhibitor that is expressed during the G2/M phase of the cell cycle. Associates with the microtubules of the mitotic spindle and any disruption results in the loss of apoptosis activity. May play a role in neoplasia.