

## Survivin (Phospho-Thr34) Antibody

€11-0578A

Catalog Number: E11-0578A

Concentration: 1mg/ml Swiss-Prot No.: O15392

Other Names: API4; apoptosis inhibitor 4; apoptosis inhibitor survivin; baculoviral IAP repeat-containing protein 5; BIRC5;

IAP4; TIAP

All Sites: Human: Thr34; Mouse: Thr34

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

 $\textbf{Form of Antibody:} \ \text{Rabbit IgG in phosphate buffered saline (without Mg}^{2+} \ \text{and Ca}^{2+}), \ \text{pH 7.4, 150mM NaCl, 0.02\% sodium}$ 

azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Survivin around the

phosphorylation site of threonine 34 (A-C-T<sup>P</sup>-P-E).

**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:** Survivin (Phospho-Thr34) antibody detects endogenous levels of Survivin only when phosphorylated at threonine 34.

Reactivity: Human, Mouse

**Applications:** WB: 1:500~1:1000 ELISA: 1:1000

References:

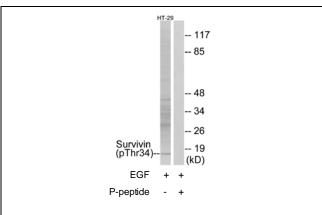
Ambrosini G., Nat. Med. 3:917-921(1997).

Mahotka C., Cancer Res. 59:6097-6102(1999).

Uren A.G., Curr. Biol. 10:1319-1328(2000).

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Western blot analysis of extracts from HT-29 cells, treated with EGF (100µg/ml, 30mins), using Survivin (Phospho-Thr34) antibody.