

## Anti-Survivin (NT) Antibody

### ORDERING INFORMATION

**Catalog No.:** 2233

**Size:** 100ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

### BACKGROUND

Apoptosis can be prevented by the inhibitor of apoptosis proteins (IAPs). IAPs constitute a conserved gene family that binds to and inhibits cell death proteases. A novel IAP has been identified and designated Survivin. Survivin interacts with the processed form of caspase-3 and inhibits its proteolytic activity. Survivin is expressed predominantly in tissues of embryos, transformed cell lines, and many human cancers.

### SPECIFICATION SUMMARY

**Antigen:** Synthetic peptide corresponding to aa 1-12 of human Survivin (accession no. NP\_001159).

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide.

### SPECIFICITY

This antibody recognizes human Survivin (17kDa).

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*

### APPLICATIONS

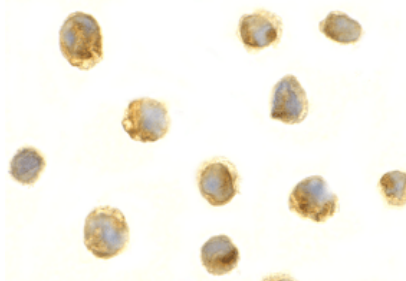
**Immunoblotting:** use at 1ug/ml.



Western blot analysis of Survivin in MOLT4 cell lysate with Survivin antibody at 1ug/ml.

**Positive control:** MOLT4 cell lysate.

**Immunocytochemistry:** use at 5ug/ml.



Immunocytochemical staining of Survivin in Jurkat cells with Survivin antibody at 5ug/ml.

These are recommended concentrations. Enduser should determine optimal concentrations for their applications.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

### STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.