

## Anti-Survivin (mouse CT) Antibody

### ORDERING INFORMATION

**Catalog No.:** 2237

**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 128-140 of mouse Survivin (accession no. BAA28266).

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide.

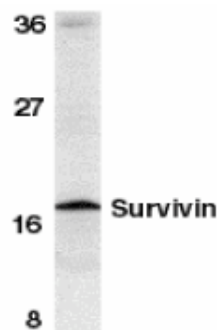
### SPECIFICITY

This antibody recognizes mouse Survivin (17kDa).

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

### APPLICATIONS

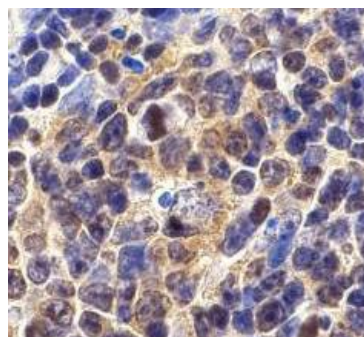
**Immunoblotting:** use at 1ug/ml.



Western blot analysis of Survivin in mouse spleen tissue lysate with Survivin antibody at 1µg/ml.

**Positive control:** Mouse spleen cell lysate.

**Immunohistochemistry:** use at 10ug/ml.



Immunohistochemical staining of Survivin in mouse spleen with Survivin antibody at 10µg/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.