

## Survivin

**Catalog Number:** 26131

**Gene Symbol:** BIRC5; API4; EPR-1

**Description:** Anti-survivin Mouse Monoclonal Antibody

**Background:** Survivin is a member of the inhibitor of apoptosis (IAP) family. The survivin protein negatively regulate of programmed cell death by inhibiting caspase. Survivin protein is high expressed in most human tumors and fetal tissue, but is absent in differentiated cells. This makes survivin an ideal target for cancer therapy. Survivin is only expressed in the G2-M phase cells. It also plays a role in regulating mitosis.

**Immunogen:** Purified vimentin protein, human origin.

**Tested Applications:** ELISA, WB, IHC

**Recommended Dilutions:**

ELISA: 1:1000-1:5000

WB: 1:100-1:1000

IHC: 1:50-1:200

**Concentration:** 1mg/ml

**Host:** Mouse

**Clonality:** Monoclonal

**Purity:** Purified from ascites

**Format:** Liquid

**Preservative:** No

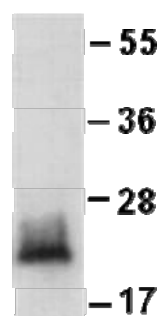
**Constituents:** PBS (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150 mM NaCl, 50% glycerol

**Species Reactivity:** Recognizes survivin of vertebrates.

**Storage Conditions:** Store at  $-20^{\circ}C$ . Avoid freeze / thaw cycles

**Western blot:**

survivin protein



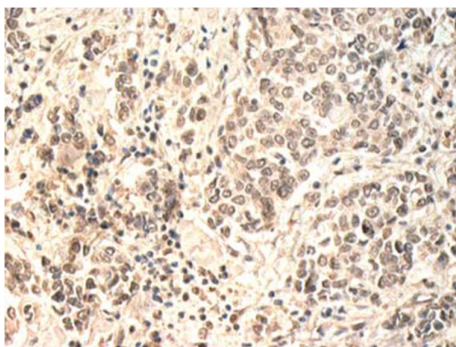
**WB: Anti-survivin mAb**

**Western blot analysis of recombinant PTEN protein.**

Purified His-tagged Survivin protein was blotted with anti-survivin mouse monoclonal antibody (Cat. # 26131).

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

## Immunohistochemistry:



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue with anti-survivin monoclonal antibody (Cat. # 26131). Tissue samples were fixed with formaldehyde and blocked with 1% serum for 15 min at 37 °C. Antigen retrieval was by heat mediation in citrate buffer (pH6). Samples were then incubated with primary antibody (1:50 dilution) overnight at 4°C. HRP-conjugated Goat anti-mouse IgG (1:50 dilution) was used as secondary antibody.

---

**FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS**