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11-1006: Polyclonal Antibody to Survivin

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	BIRC5
Gene ID :	332
Uniprot ID :	O15392
Format :	Purified
Alternative Name :	BIRC5,API4,IAP4
Isotype :	Rabbit IgG
Immunogen Information :	Full length recombinant Survivin protein was used as the immunogen for this antibody.

Description

Survivin is the smallest mammalian member of the IAP (Inhibitor-Of-Apoptosis) gene family. It regulates two essential cellular processes; inhibits apoptosis and promotes cell proliferation. Survivin also plays a main role in cancer progression because it prevents apoptosis by inhibition of caspase 3 and caspase 7, and by regulating the G2 and M phases of the cell cycle. Overexpression of survivin is associated with neoplasia and metastasis. Survivin might be used as a biomarker and a primary chemotherapeutic target for the detection and treatment of gastrointestinal tract cancer, especially esophageal, gastric, and colon cancers.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 Ã‚µg/ml

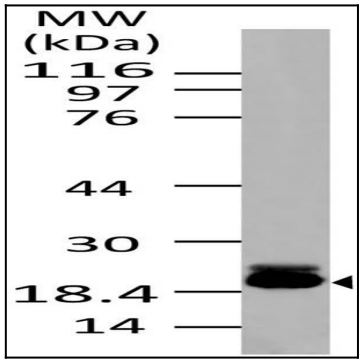


Fig-1: Western blot analysis of Survivin. Anti- Survivin antibody (11-1006) was used at 2 µg/ml on MCF-7 lysate.

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