

Datasheet for ABIN6991462
anti-Survivin antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	Survivin (BIRC5)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Survivin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Anti-Survivin antibody was raised against a peptide corresponding to 12 amino acids near the amino terminus of human Survivin. The immunogen is located within the first 50 amino acids of Survivin.
Isotype:	IgG
Purification:	Survivin Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Survivin (BIRC5)
Alternative Name:	Survivin (BIRC5 Products)
Background:	Survivin Antibody: Apoptosis, or programmed cell death, is related to many diseases, such as

Target Details

cancer. Apoptosis is triggered by a variety of stimuli including members in the TNF family and prevented by the inhibitor of apoptosis (IAP) proteins. IAP proteins form a conserved gene family that binds to and inhibits cell death proteases. A novel IAP protein was recently identified and designated survivin, apoptosis inhibitor 4 (API4), and TIAP. Survivin/TIAP interacted with the processed form of caspase-3 and inhibited its proteolytic activity. Survivin/TIAP is predominantly expressed in tissues of embryos, transformed cell lines, and many human cancers and lymphomas.

Molecular Weight: Predicted: 17kD
Observed: 17 kD kDa

Gene ID: 332

NCBI Accession: [NP_001159](#)

UniProt: [O15392](#)

Pathways: [Apoptosis](#), [Cell Division Cycle](#), [Nuclear Hormone Receptor Binding](#)

Application Details

Application Notes: WB: 1-5µg/mL, ICC: 5 µg/mL, IF: 20 µg/mL, IHC: 5 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples, Immunofluorescence and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Survivin Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Handling

Storage Comment: Survivin antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.