

Datasheet for ABIN500841
anti-Survivin antibody (C-Term)



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2 Images

Overview

Quantity:	0.1 mg
Target:	Survivin (BIRC5)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Survivin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Survivin antibody was raised against a peptide corresponding to amino acids near the carboxy-terminus of human survivin.
Isotype:	IgG
Specificity:	This antibody detects IAP4 / BIRC5 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Peptide affinity chromatography

Target Details

Target:	Survivin (BIRC5)
Alternative Name:	IAP4 / BIRC5 (BIRC5 Products)

Target Details

Background: Apoptosis, or programmed cell death, is related to many diseases, such as 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 (1-3). 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 (1,3). Synonyms: API4, Apoptosis inhibitor 4, Apoptosis inhibitor survivin, Baculoviral IAP repeat-containing protein 5, Survivin

Gene ID: 332

NCBI Accession: [NP_001159](#)

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

Application Details

Application Notes: ELISA. Western blot: 0.5 to 1 µg/mL, an approximate 17 kDa band should be detected.
Immunofluorescence.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: 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.

Handling Advice: Avoid repeated freezing and thawing.

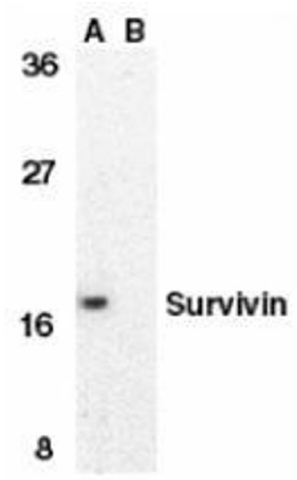
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1. Immunocytochemistry staining of MOLT4 cells using AP30844PU-N at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of survivin in MOLT4 cell lysate in the absence (A) or presence (B) of blocking peptide with this product at 1 µg/ml.