

Datasheet for ABIN500292
anti-Survivin antibody (C-Term)



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2 Images

Overview

Quantity:	0.1 mg
Target:	Survivin (BIRC5)
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Survivin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

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

Target Details

Target:	Survivin (BIRC5)
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Target Details

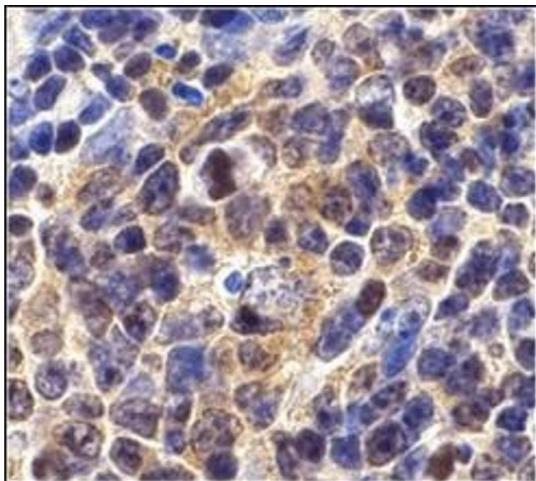
Alternative Name:	IAP4 / BIRC5 (BIRC5 Products)
Background:	Apoptosis, or programmed cell death, is related to many diseases, such as cancer. Apoptosis is triggered by a variety of stimuli including members in the TNF family and prevented by the inhibitor of apoptosis (IAP) proteins. IAP proteins form 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:	11799
UniProt:	O70201
Pathways:	Apoptosis , Cell Division Cycle , Nuclear Hormone Receptor Binding

Application Details

Application Notes:	ELISA. Western blot: 1 to 2 µg/mL, an approximate 17 kDa band can be detected. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

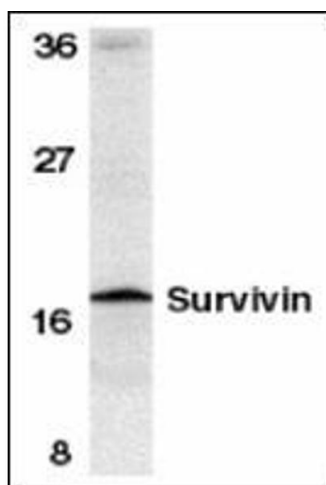
Handling

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.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of Survivin in mouse spleen cells with AP30567PU-Nat 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of survivin in mouse spleen tissue lysate with this product at 1 µg/ml.