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Product datasheet for TA306026

BIRC5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 10 ug/mL, IF: 10 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Survivin antibody was raised against a peptide corresponding to amino acids near the carboxy-terminus of human survivin.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	baculoviral IAP repeat containing 5
Database Link:	NP_001159 Entrez Gene 332 Human O15392
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; EPR-1

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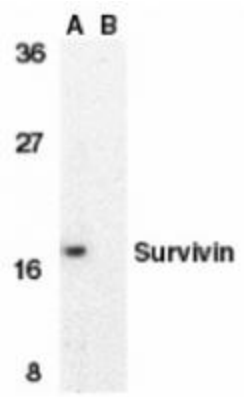
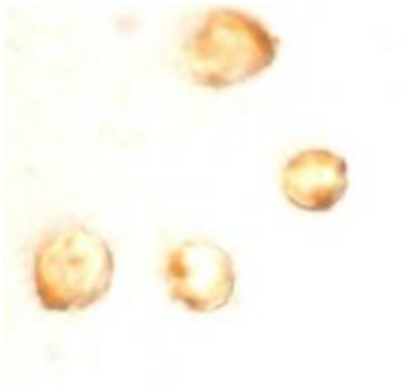
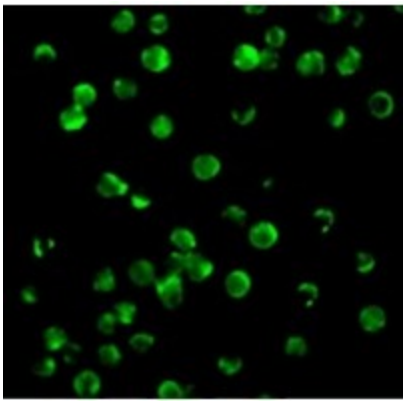
Product images:



Western blot analysis of survivin in MOLT4 cell lysate in the absence (A) or presence (B) of blocking peptide with survivin antibody at 1 ug/mL.



Immunocytochemistry staining of MOLT4 cells using survivin at 10 ug/mL.



Immunofluorescence of Survivin in Molt4 cells with Survivin antibody at 10 ug/mL.

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