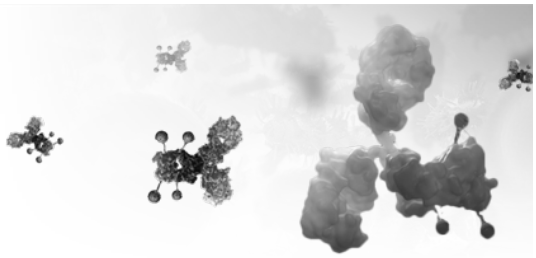

Mouse Anti-Human Survivin monoclonal antibody, clone JID779 (CABT-L2946)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Survivin
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID779
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Lymphoma
Format	Liquid
Size	100 µl
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

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Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Survivin is an apoptosis inhibitor that is nearly undetectable in terminally differentiated cells, but found in most tumors including renal cell carcinoma, ovarian carcinoma, hepatocellular carcinoma, prostate carcinoma and breast carcinoma. Survivin expression is linked to tumor progression, but not patient survival.
Keywords	BIRC5;baculoviral IAP repeat-containing 5;Api4;TIAP;AAC-11;survivin40;baculoviral IAP repeat-containing protein 5;survivin;apoptosis inhibitor 4;apoptosis inhibitor survivin;

GENE INFORMATION

Gene Name	BIRC5 baculoviral IAP repeat containing 5 [Homo sapiens (human)]
Official Symbol	BIRC5
Synonyms	BIRC5; baculoviral IAP repeat containing 5; API4; EPR-1; baculoviral IAP repeat-containing protein 5; apoptosis inhibitor 4; survivin variant 3 alpha; apoptosis inhibitor survivin;
Entrez Gene ID	332
Protein Refseq	NP_001012270
UniProt ID	O15392
Chromosome Location	17q25
Pathway	Apoptosis; Apoptosis Modulation and Signaling; Aurora A signaling; Aurora B signaling; Cell Cycle; Cell Cycle, Mitotic; Colorectal cancer; FOXM1 transcription factor network;
Function	Ran GTPase binding; chaperone binding; cobalt ion binding; cofactor binding; cysteine-type endopeptidase inhibitor activity; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; enzyme binding; identical protein binding; metal ion binding; microtubule binding; protein binding; protein heterodimerization activity; protein homodimerization activity; tubulin binding; ubiquitin-protein transferase activity; zinc ion binding;

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