

Rabbit Polyclonal Antibody to Survivin

Catalog No.:	RP 068, RP 068-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person (s) when evaluating and interpreting results.
Immunogen:	A synthetic peptide derived from the C-terminal region of Survivin.
Host:	Rabbit
Format:	Purified immunoglobulin fraction of rabbit antiserum against human Survivin containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:250-1:500 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>High temperature treatment of formalin-fixed tissue sections with 10mM citrate buffer, pH 6.0 must be performed prior to the immunostaining.</u>
Specificity:	This antibody reacts with a 16.5 kD protein, known as Survivin, which is an inhibitor of apoptosis protein. It is expressed in the G2/M phase of the cell cycle in a cycle-regulated manner. At the beginning of mitosis, survivin associates with microtubules of the mitotic spindle. Disruption of survivin-microtubule interactions results in loss of survivin's antiapoptosis function and increased Caspase-3 activity. This antibody cross reacts with human and mouse.
Positive Control:	Stomach
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Ambrosini et al. Nature Med 3: 917, 1997. ii) Li et al. Nature 396: 580, 1998. iii) Lu et al. Cancer Res 58: 1808, 1998.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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