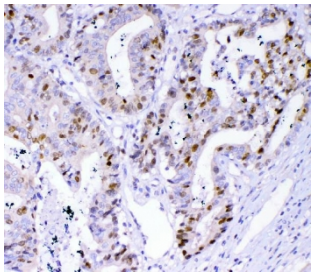
Survivin Antibody / BIRC5 (R30128)

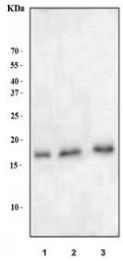
Catalog No.	Formulation	Size
R30128	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O15392
Localization	Nucleus, Cytoplasm
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml ELISA : 0.1-0.5ug/ml (human protein tested)
Limitations	This Survivin antibody is available for research use only.



IHC staining of FFPE human colon cancer tissue with Survivin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) HeLa, 2) Jurkat and 3) 293T cell lysate with Survivin antibody. Predicted molecular weight ~16 kDa.

Description

Survivin, also called baculoviral inhibitor of apoptosis repeat-containing 5 or BIRC5, is a protein that, in humans, is encoded by the BIRC5 gene. It is a member of the inhibitor of apoptosis (IAP) family. The gene is mapped to chromosome 17q25 by pulsed field gel electrophoresis and single- and two-color FISH. The Survivin protein functions to inhibit caspase activation, thereby leading to negative regulation of apoptosis or programmed cell death. It is expressed highly in most human tumours and fetal tissue, but is completely absent in terminally differentiated cells.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Survivin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 1-142) was used as the immunogen for this Survivin antibody.

Storage

After reconstitution, the Survivin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com