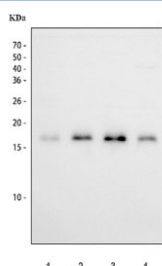


Survivin Antibody / BIRC5 (R30546)

Catalog No.	Formulation	Size
R30546	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
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O15392
Applications	Western Blot : 0.5-1ug/ml
Limitations	This Survivin antibody is available for research use only.



Western blot testing of human 1) PC-3, 2) U-2 OS, 3) 293T and 4) A549 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. Survivin is a member of the inhibitor of apoptosis(IAP) family. The survivin gene contains 4 exons. The survivin gene is mapped to chromosome 17q25 by pulsed field gel electrophoresis and single- and 2-color FISH. The survivin protein functions to inhibit caspase activation, thereby leading to negative regulation of apoptosis or programmed cell death. The survivin protein 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 amounts. Titration of the Survivin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Survivin (KKEFEETAKKVRRAIEQLAAMD) 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.