Product datasheet Anti-Survivin/BIRC5 Antibody Catalog Number: A00379



Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator, East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com Phone: 027-67845390/1/2 Email: boster@boster.com

Basic Information	
Product Name	Anti-Survivin/BIRC5 Antibody
Gene Name	BIRC5
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E. coli-derived human Survivin recombinant protein (Position: M1-D142). Human Survivin shares 84.3% and 83% amino acid (aa) sequence identity with mouse and rat Survivin, respectively.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	16 kDa
Dilution Ratios	Western blot (WB): Immunohistochemistry (IHC): Enzyme linked immunosorbent assay (ELISA): (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt, -20° C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Survivin, also called baculoviral inhibitor of apoptosis repeat-containing 5 or BIRC5, is a protein that in humans encoded by the BIRC5 gene. It is a member of the inhibitor of apoptosis (IAP) family. The survivin gene contains 4 exons. This gene is mapped to chromosome 17q25 by pulsed field gel electrophoresis and single- and 2-color FISH. The survivin protein functions as inhibitor caspase activation, thereby leading to negative regulation of apoptosis or programmed cell death. And this protein is expressed highly in most human tumours and fetal tissue, but is completely absent in terminally differentiated cells.



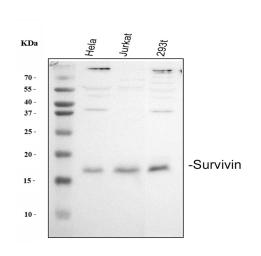
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator, East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com Phone: 027-67845390/1/2 Email: boster@boster.com

Reference

Anti-Survivin/BIRC5 Antibody被引用在6文献中。

Selected Validation Data



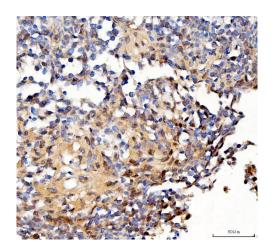
Western blot analysis of Survivin/BIRC5 using anti-Survivin/BIRC5 antibody (A00379). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Hela whole cell lysates,

Lane 2: human Jurkat whole cell lysates,

Lane 3: human 293T whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-Survivin/BIRC5 antigen affinity purified polyclonal antibody (A00379) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Survivin/BIRC5 at approximately 16 kDa. The expected band size for Survivin/BIRC5 is at 16 kDa.



IHC analysis of Survivin/BIRC5 using anti-Survivin/BIRC5 antibody (A00379).

Survivin/BIRC5 was detected in a paraffin-embedded section of human lymphoma tissue. The tissue section was incubated with rabbit anti-Survivin/BIRC5 Antibody (A00379) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.