

## Anti-Survivin/BIRC5 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: RP1052-Fluoro647

### About Birc5

Survivin, also called baculoviral inhibitor of apoptosis repeat-containing 5 or BIRC5, is a protein that in humans encoded by the BIRC5 gene. Survivin 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. The survivin protein is expressed highly in most human tumours and fetal tissue, but is completely absent in terminally differentiated cells.

### Overview

Product Name	Anti-Survivin/BIRC5 Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Mouse
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O70201

### Technical Details

Immunogen	E.coli-derived mouse Survivin recombinant protein (Position: M1-A140). Mouse Survivin shares 85% and 91% amino acid (aa) sequence identity with human and rat Survivin, respectively.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

## 9 Publications Citing This Product

1. PubMed ID: 25333250, Chen Xm, Xie Xb, Zhao Q, Wang F, Bai Y, Yin Jq, Jiang H, Xie Xi, Jia Q, Huang G. Mol Med Rep. 2015 Jan;11(1):105-12. Doi: 10.3892/Mmr.2014.2733. Epub 2014 Oct 21. Ampelopsin Induces Apoptosis By Regulating Multiple C-Myc/S-Phase Kinase-Associated ...
2. PubMed ID: 22773975, Cai N, Liu Nn, Zhao N, Wan C, Hu Yd, Zhou Y, Chen L. Int J Ophthalmol. 2012;5(3):293-6. Doi: 10.3980/J.Issn.2222-3959.2012.03.08. Epub 2012 Jun 18. Expressions Of Survivin And Vascular Endothelial Growth Factor In A Murine Model Of Proliferative R...
3. PubMed ID: 24519067, Zhang B, Lu Z, Hou Y, Hu J, Wang C. Tumour Biol. 2014 Jun;35(6):5401-7. Doi: 10.1007/S13277-014-1704-8. Epub 2014 Feb 12. The Effects Of Stat3 And Survivin Silencing On The Growth Of Human Bladder Carcinoma Cells.

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