

Anti-survivin/BIRC5 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: RP1026-Fluoro488

About BIRC5

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.

Overview

Product Name	Anti-survivin/BIRC5 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O15392

Technical Details

Immunogen	E. coli-derived human Survivin recombinant protein (Position: M1-D142).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

13 Publications Citing This Product

1. PubMed ID: 10.1186/1479-5876-6-32, Transcriptional patterns, biomarkers and pathways characterizing nasopharyngeal carcinoma of Southern China
2. PubMed ID: 10.3390/molecules18021418, Induction of Apoptosis by Costunolide in Bladder Cancer Cells is Mediated through ROS Generation and Mitochondrial Dysfunction
3. PubMed ID: 10.1016/j.pdpdt.2019.07.018, Effect of 5-aminolevulinic acid photodynamic therapy on the expression of apoptosis inhibitors Bcl-2 and Survivin in keratinocytes of condyloma acuminatum

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