

## Anti-XIAP Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9965-Fluoro594

### About XIAP

XIAP, also known as IAP3 or BIRC4, is a protein that stops apoptotic cell death. It is mapped to chromosome Xq25. This gene encodes a protein that belongs to a family of apoptotic suppressor proteins. Members of this family share a conserved motif termed, baculovirus IAP repeat, which is necessary for their anti-apoptotic function. This protein functions through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2 and inhibits apoptosis induced by menadione, a potent inducer of free radicals, and interleukin 1-beta converting enzyme. This protein also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. Mutations in this gene are the cause of X-linked lymphoproliferative syndrome. Alternate splicing results in multiple transcript variants.

### Overview

Product Name	Anti-XIAP Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human
Application	Flow Cytometry
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	P98170

### Technical Details

Immunogen	E.coli-derived human XIAP recombinant protein (Position: A15-V244). Human XIAP shares 89.4% and 90.7% amino acid (aa) sequence identity with mouse and rat XIAP, respectively.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm

Suggested Dilutions

Flow Cytometry, Optimal dilutions should be determined by end users.

## 2 Publications Citing This Product

1. PubMed ID: 28300775, Wei H, Gao Z, Zheng L, Zhang C, Liu Z, Yang Y, Teng H, Hou L, Yin Y, Zou X0. Mar Drugs. 2017 Mar 16;15(3). pii: E77. doi: 10.3390/md15030077. Protective Effects of Fucoidan on Abeta25-35 and d-Gal-Induced Neurotoxicity in PC12 Cells and d-Gal-Induced...

2. PubMed ID: 25878591, Chen Gg, Mao M, Qiu Lz, Liu Qm. Neural Regen Res. 2015 Mar;10(3):425-31. Doi: 10.4103/1673-5374.153691. Gene Transfection Mediated By Polyethyleneimine-Polyethylene Glycol Nanocarrier Prevents Cisplatin-Induced Spiral Ganglion Cell Damage.

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