

## Anti-RIP3/RIPK3 Antibody Picoband® FITC Conjugated

Catalog Number: PA2242-FITC

### About RIPK3

Receptor-interacting serine/threonine-protein kinase 3 (RIPK3), also known as RIP3 is an enzyme that in humans is encoded by the RIPK3 gene. This gene is mapped to 14q12. The product of this gene is a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor (TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kappaB transcription factor.

### Overview

Product Name	Anti-RIP3/RIPK3 Antibody Picoband® FITC 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	Q9Y572

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human RIP3.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

## 1 Publications Citing This Product

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1. PubMed ID: -, Smad3-Targeted Therapy Protects against Cisplatin-Induced AKI by Attenuating Programmed Cell Death and Inflammation via a NOX4-Dependent Mechanism. Qin Yang, Li Gao, Xiao-wei Hu, Jia-nan Wang, Yao Zhang, Yu-hang Dong, Hui Yao Lan, Xiao-ming Meng

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