

## Anti-Caspase 4/Casp4 Antibody Picoband® Cy3 Conjugated

Catalog Number: A02941-2-Cy3

### About Casp4

Caspase 4 is an enzyme that proteolytically cleaves other proteins at an aspartic acid residue, and belongs to a family of cysteine proteases called caspases. The Caspase 4 gene is mapped to a P1 clone containing the ICE gene, which is located at chromosome 11q22.2-q22.3. It contains 8 coding exons. The function of caspase 4 is not fully known, but it is believed to be an inflammatory caspase, along with caspase 1, caspase 5 (and the murine homolog caspase 11), with a role in the immune system.

### Overview

Product Name	Anti-Caspase 4/Casp4 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IF, ICC, 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% Na <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	P70343

### Technical Details

Immunogen	E. coli-derived mouse Caspase 4 recombinant protein (Position: E108-T195).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

## 1 Publications Citing This Product

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1. PubMed ID: 22959511, Chen J, Wei H, Xie B, Wang B, Cheng J, Cheng J. Leuk Res. 2012 Dec;36(12):1526-35. Doi: 10.1016/J.Leukres.2012.08.018. Epub 2012 Sep 7. Endoplasmic Reticulum Stress Contributes To Arsenic Trioxide-Induced Apoptosis In Drug-Sensitive And -Resistant...

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