

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

Catalog Number: A02941-2-Biotin

### 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® Biotin Conjugated  |
| Reactive Species     | Human, Mouse, Rat  |
| 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.                             |
| 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           | Biotin   |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements. |

### 1 Publications Citing This Product

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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