

## Anti-CAP1 Antibody Picoband® FITC Conjugated

Catalog Number: PB9923-FITC

### About CAP1

Adenylyl cyclase-associated protein 1 is an enzyme that in humans is encoded by the CAP1 gene. This gene is mapped to 1p34.2. The protein encoded by this gene is related to the *S. cerevisiae* CAP protein, which is involved in the cyclic AMP pathway. And the human protein is able to interact with other molecules of the same protein, as well as with CAP2 and actin. Alternatively spliced transcript variants have been identified.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-CAP1 Antibody Picoband® FITC Conjugated   |
| Reactive Species     | Human, Mouse, Rat  |
| 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           | Q01518   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E. coli-derived human CAP1 recombinant protein (Position: A2-R123). Human CAP1 shares 92.6% and 93.4% amino acid (aa) sequence identity with mouse and rat CAP1, respectively. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | FITC<br>Excitation Wavelength: 495 nm<br>Emission Wavelength: 525 nm   |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.   |

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Anti-CAP1 Antibody - FITC

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