

## Anti-CAP1 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9923-Fluoro594

### 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® Fluoro594 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	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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