

## Anti-ARHGEF1 Antibody Picoband® Cy3 Conjugated

Catalog Number: PB10045-Cy3

### About ARHGEF1

Rho guanine nucleotide exchange factor 1 is a protein that in humans is encoded by the ARHGEF1 gene. Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been defined.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-ARHGEF1 Antibody Picoband® Cy3 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           | Q92888   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | A synthetic peptide corresponding to a sequence at the N-terminus of human ARHGEF1, different from the related mouse and rat sequences by one amino acid. |
| Cross Reactivity    | No cross-reactivity with other proteins   |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | Cy3<br>Excitation Wavelength: 554 nm<br>Emission Wavelength: 568 nm   |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.  |

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