

## Anti-PRR5 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: A05975-1-Fluoro550

### About PRR5

This gene encodes a protein with a proline-rich domain. This gene is located in a region of chromosome 22 reported to contain a tumor suppressor gene that may be involved in breast and colorectal tumorigenesis. The protein is a component of the mammalian target of rapamycin complex 2 (mTORC2), and it regulates platelet-derived growth factor (PDGF) receptor beta expression and PDGF signaling to Akt and S6K1. Alternative splicing and the use of alternative promoters results in transcripts encoding different isoforms. Read-through transcripts from this gene into the downstream Rho GTPase activating protein 8 (ARHGAP8) gene also exist, which led to the original description of PRR5 and ARHGAP8 being a single gene.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-PRR5 Antibody Picoband® Fluoro550 Conjugated  |
| Reactive Species     | Human  |
| 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           | P85299   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human PRR5 recombinant protein (Position: S45-D366).       |
| Cross Reactivity    | No cross-reactivity with other proteins.                                  |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | Fluoro550<br>Excitation Wavelength: 562 nm<br>Emission Wavelength: 576 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.      |

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Anti-PRR5 Antibody - Fluoro550

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