

## Anti-MAD1/MAD1L1 Antibody Picoband® APC Conjugated

Catalog Number: PB9262-APC

### About MAD1L1

Mitotic spindle assembly checkpoint protein MAD1 is a protein that in humans is encoded by the MAD1L1 gene. It is mapped to 7p22.3. MAD1L1 is a component of the mitotic spindle-assembly checkpoint that prevents the onset of anaphase until all chromosome are properly aligned at the metaphase plate. MAD1L1 can function as a homodimer. It localizes to the centrosome during metaphase and to the spindle midzone and the midbody during anaphase and telophase. MAD1L1 may also play a role in cell cycle control and tumor suppression.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-MAD1/MAD1L1 Antibody Picoband® APC 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           | Q9Y6D9   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human MAD1 recombinant protein (Position: L362-A632). Human MAD1 shares 81% amino acid (aa) sequence identity with mouse MAD1. |
| Cross Reactivity    | No cross-reactivity with other proteins   |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | APC<br>Excitation Wavelength: 633-647 nm<br>Emission Wavelength: 660 nm   |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.  |

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