

## Anti-MAT1A Antibody Picoband® APC Conjugated

Catalog Number: A04203-1-APC

### About MAT1A

This gene catalyzes a two-step reaction that involves the transfer of the adenosyl moiety of ATP to methionine to form S-adenosylmethionine and triphosphosphate, which is subsequently cleaved to PPI and Pi. S-adenosylmethionine is the source of methyl groups for most biological methylations. The encoded protein is found as a homotetramer (MAT I) or a homodimer (MAT III) whereas a third form, MAT II (gamma), is encoded by the MAT2A gene. Mutations in this gene are associated with methionine adenosyltransferase deficiency.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-MAT1A Antibody Picoband® APC Conjugated  |
| Reactive Species     | Human, Mouse, Rat   |
| Application          | Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IF, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.  |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.  |
| Host                 | Rabbit  |
| Uniprot ID           | Q00266  |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | A synthetic peptide corresponding to a sequence at the N-terminus of human MAT1A, identical to the related mouse and rat sequences. |
| 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 | Optimal dilutions should be determined by end users.  |

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Anti-MAT1A Antibody - APC

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