

## Anti-Lysozyme/LYZ Antibody Picoband® APC Conjugated

Catalog Number: A01811-1-APC

### About LYZ

This gene encodes human lysozyme, whose natural substrate is the bacterial cell wall peptidoglycan (cleaving the beta[1-4]glycosidic linkages between N-acetylmuramic acid and N-acetylglucosamine). Lysozyme is one of the antimicrobial agents found in human milk, and is also present in spleen, lung, kidney, white blood cells, plasma, saliva, and tears. The protein has antibacterial activity against a number of bacterial species. Missense mutations in this gene have been identified in heritable renal amyloidosis.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-Lysozyme/LYZ Antibody Picoband® APC Conjugated   |
| Reactive Species     | Human, Mouse, Rat   |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, 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> .   |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.  |
| Host                 | Rabbit  |
| Uniprot ID           | P61626  |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human Lysozyme/LYZ recombinant protein (Position: K19-A126). |
| Cross Reactivity    | No cross reactivity with other proteins.                                    |
| Isotype             | 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-Lysozyme/LYZ Antibody - APC

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