

## Anti-GDF15 Antibody Picoband® PE Conjugated

Catalog Number: A01583-1-PE

### About GDF15

Growth/differentiation factor 15 (GDF15) is a protein belonging to the transforming growth factor beta superfamily that has a role in regulating inflammatory and apoptotic pathways in injured tissues and during disease processes. GDF15 is also known as TGF-PL, MIC-1, PDF, PLAB, and PTGFB. GDF15 mRNA is most abundant in the liver, with lower levels seen in some other tissues. Its expression in liver can be significantly up-regulated in during injury of organs such as liver, kidney, heart and lung.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-GDF15 Antibody Picoband® PE Conjugated   |
| Reactive Species     | Human   |
| Application          | Recommended applications are based on the parent unconjugated antibody (WB, ELISA (Cap)). 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           | Q99988  |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human GDF15 recombinant protein (Position: A195-I308). Human GDF15 shares 68.1% and 69.2% amino acid (aa) sequence identity with mouse and rat GDF15, respectively. |
| Cross Reactivity    | No cross-reactivity with other proteins.   |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | PE<br>Excitation Wavelength: 566 nm<br>Emission Wavelength: 574 nm   |
| Suggested Dilutions | Optimal dilutions should be determined by end users.   |

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Anti-GDF15 Antibody - PE

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