

## Anti-Resistin/RETN Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PB9412-Fluoro550

### About RETN

Resistin, also known as adipose tissue-specific secretory factor (ADSF) or C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein (XCP1) is a cysteine-rich protein that in humans is encoded by the RETN gene. The resistin gene comprises 4 exons, the first of which is untranslated, and spans approximately 1,750 bp. The human resistin gene is localized to a cloned fragment of human chromosome 19. In primates, pigs and dogs, resistin is secreted by immune and epithelial cells while in rodents, it is secreted by adipose tissue. Resistin is a cytokine whose physiologic role has been the subject of much controversy regarding its involvement with obesity and type II diabetes mellitus.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-Resistin/RETN Antibody Picoband® Fluoro550 Conjugated  |
| Reactive Species     | Human   |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, 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% 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           | Q9HD89  |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E. coli-derived human Resistin recombinant protein (Position: K19-P108). Human Resistin shares 58.6% amino acid (aa) sequence identity with mouse Resistin. |
| 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 | Optimal dilutions should be determined by end users.  |

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