

## Anti-Angiopoietin-like 4/ANGPTL4 Antibody Picoband® PE Conjugated

Catalog Number: A01147-PE

### About ANGPTL4

Angiopoietin-related protein 4 (Angptl4) is a protein that in humans is encoded by the ANGPTL4 gene. This gene is a member of the angiopoietin/angiopoietin-like gene family and encodes a glycosylated, secreted protein with a fibrinogen C-terminal domain. And this gene is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. By radiation hybrid analysis, Angptl4 gene is mapped to 19p13.3. ANGPTL4 contributed to tumor growth and protected cells from anoikis, a form of programmed cell death induced when contact-dependent cells detach from the surrounding tissue matrix.

### Overview

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|----------------------|--|
| Product Name         | Anti-Angiopoietin-like 4/ANGPTL4 Antibody Picoband® PE Conjugated  |
| Reactive Species     | Human  |
| 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           | Q9BY76   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthetic peptide corresponding to a sequence at the C-terminus of human ANGPTL4, different from the related mouse and rat sequences by seven amino acids. |
| 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 | Flow Cytometry, Optimal dilutions should be determined by end users.   |

## 1 Publications Citing This Product

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1. PubMed ID: -, Zhao,J.,Liu,J.,Wu,N.,Zhang,H.,Zhang,S.,Li,L.,& Wang,M.(2020).ANGPTL4 overexpression is associated with progression and poor prognosis in breast cancer.Oncology Letters,20,2499-2505.https://doi.org/10.3892/ol.2020.11768

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