

## Anti-Macrophage Inflammatory Protein 3 beta/Ccl19 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A01605-1-Fluoro488

### About Ccl19

Chemokine (C-C motif) ligand 19 (CCL19) is a protein that in humans is encoded by the CCL19 gene. This gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Macrophage Inflammatory Protein 3 beta/Ccl19 Antibody Picoband® Fluoro488 Conjugated  |
| Reactive Species     | Mouse, Rat   |
| Application          | Recommended applications are based on the parent unconjugated antibody (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           | D3ZI84   |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | E. coli-derived rat Ccl19/MIP-3 beta recombinant protein (Position: G26-S108). Rat Ccl19/MIP-3 beta shares 79.5% and 89.2% amino acid (aa) sequence identity with human and mouse Ccl19/MIP-3 beta, respectively. |
| Cross Reactivity | No cross-reactivity with other proteins.  |
| Isotype          | Rabbit IgG  |
| Form             | Liquid  |
| Concentration    | 0.5 mg/mL   |
| Purification     | Immunogen affinity purified.  |
| Conjugate        | Fluoro488<br>Excitation Wavelength: 488 nm  |

|                     |  |
|---------------------|--|
|                     | Emission Wavelength: 515-545 nm                      |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

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Anti-Macrophage Inflammatory Protein 3 beta/Ccl19 Antibody - Fluoro488

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