

Anti-Macrophage Inflammatory Protein 4/CCL18 Antibody Picoband® APC Conjugated

Catalog Number: PB9023-APC

About CCL18

Macrophage Inflammatory Protein 4, also known as CCL18, is a small cytokine belonging to the CC chemokine family that was previously called PARC (pulmonary and activation-regulated chemokine). CCL18 is approximately 60% identical in amino acid sequence to CCL3. By analysis of a previously mapped CCL18 from 17q11.2, it is determined that the PARC gene is located within 1 of the 2 clusters of CC chemokine genes in this region. It is expressed at high levels in lung and at lower levels in certain lymphoid tissues, such as the lymph nodes, and is chemotactic for activated T cells and nonactivated lymphocytes. Beside, CCL18 recruits Th2 cells and basophils and may play a predominant role in allergic asthma.

Overview

Product Name	Anti-Macrophage Inflammatory Protein 4/CCL18 Antibody Picoband® APC Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ 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	P55774

Technical Details

Immunogen	E.coli-derived human CCL18 recombinant protein (Position: A21-A89).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

1 Publications Citing This Product

1. PubMed ID: 33330947, Blum L, Ulshöfer T, Henke M, Krieg R, Berneburg I, Geisslinger G, Becker K, Parnham MJ, Schiffmann S. The immunomodulatory potential of the arylmethylaminosteroid sc1o. J Mol Med (Berl). 2020 Dec 17. doi: 10.1007/s00109-020-02024-4. Epub ahead of print. P

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