

Datasheet for ABIN3042511
anti-CCL18 antibody (AA 21-89)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CCL18
Binding Specificity:	AA 21-89
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCL18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit IgG polyclonal antibody for C-C motif chemokine 18(CCL18) detection. Tested with WB, ELISA in Human.
Brand:	Picoband™
Immunogen:	E.coli-derived human CCL18 recombinant protein (Position: A21-A89).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for C-C motif chemokine 18(CCL18) detection. Tested with WB, ELISA in Human.</p> <p>Gene Name: chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)</p> <p>Protein Name: C-C motif chemokine 18</p>

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: CCL18

Alternative Name: CCL18 ([CCL18 Products](#))

Background: 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.

Synonyms: Alternative macrophage activation associated CC chemokine 1 antibody|Alternative macrophage activation-associated CC chemokine 1 antibody|AMAC-1 antibody|AMAC1 antibody|CC chemokine PARC antibody|CCL18 antibody|CCL18(4-69) antibody|CCL18_HUMAN antibody|CKb7 antibody|DC-CK1 antibody|DCCK1 antibody|Dendritic cell chemokine 1 antibody|Macrophage inflammatory protein 4 antibody|MIP-4 antibody|MIP4 antibody|PARC antibody|Pulmonary and activation regulated chemokine antibody|Pulmonary and activation-regulated chemokine antibody|SCYA18 antibody|Small inducible cytokine A18 antibody|Small-inducible cytokine A18 antibody

Gene ID: 6362

UniProt: [P55774](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, The detection limit for CCL18 is approximately 0.25 ng/lane under reducing conditions.

ELISA: Concentration: 0.1-0.5 µg/mL, Tested Species: Human

Notes: Tested Species: Species with positive results.

Other applications have not been tested. Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Anti-CCL18 Picoband antibody, All lanes: Anti-CCL18 at 0.5ug/ml WB: Recombinant Human CCL18 Protein 0.5ng Predicted bind size: 19KD Observed bind size: 19KD