

Anti-C-C chemokine receptor type 4 CCR4 Antibody

Catalog Number: PA1517

About Ccr4

CCR4, C-C chemokine receptor type 4 is a protein that in humans is encoded by the CCR4 gene. CCR4 has also recently been designated CD194 (cluster of differentiation 194). The protein encoded by this gene belongs to the G protein-coupled receptor family. It is a receptor for the following CC chemokines. The CCR4 gene is mapped to chromosome 3. Chemokines are a group of small structurally related proteins that regulate cell trafficking of various types of leukocytes. The chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis.

Overview

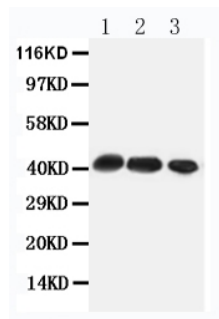
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| Product Name | Anti-C-C chemokine receptor type 4 CCR4 Antibody |
| Reactive Species | Mouse, Rat |
| Description | Boster Bio Anti-C-C chemokine receptor type 4 CCR4 Antibody catalog # PA1517. Tested in WB applications. This antibody reacts with Mouse, Rat. |
| Application | WB |
| Clonality | Polyclonal |
| Formulation | Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . |
| Storage Instructions | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P51680 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence in the middle region of mouse CCR4, identical to the related rat sequence. |
| Predicted Reactive Species | Bovine |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Lyophilized |
| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. |

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| Purification | Immunogen affinity purified. |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Mouse, Rat</p> |

Anti-C-C chemokine receptor type 4 CCR4 Antibody (PA1517) Images



Anti-CCR4 antibody, PA1517, Western blotting
All lanes: Anti CCR4 (PA1517) at 0.5ug/ml
Lane 1: Rat Thymus Tissue Lysate at 50ug
Lane 2: Rat Spleen Tissue Lysate at 50ug
Lane 3: HEPA Whole Cell Lysate at 40ug
Predicted bind size: 41KD
Observed bind size: 41KD

1 Publications Citing This Product

1. PubMed ID: 24416340, Zhao C, Bu X, Wang W, Ma T, Ma H. Plos One. 2014 Jan 8;9(1):E85058. Doi: 10.1371/Journal.Pone.0085058. Ecollection 2014. Gec-Derived Sfrp5 Inhibits Wnt5A-Induced Macrophage Chemotaxis And Activation.

Visit bosterbio.com/anti-ccr4-antibody-pa1517-boster.html to see all 1 publications.

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