

Anti-CCR4 Antibody

Catalog # ABO10835

Product Information

Application	WB
Primary Accession	P51680
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for C-C chemokine receptor type 4(CCR4) detection. Tested with WB in Mouse;Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	12773
Other Names	C-C chemokine receptor type 4, C-C CKR-4, CC-CKR-4, CCR-4, CCR4, CD194, Ccr4, Cmkbr4
Calculated MW	41408
Application Details	Western blot, 0.1-0.5 µg/ml, Mouse, Rat
Subcellular Localization	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Expressed in the thymus, macrophages and T- and B-cells.
Source	Eukaryota
Protein Name	C-C chemokine receptor type 4(C-C CKR-4/CC-CKR-4/CCR-4/CCR4)
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of mouse CCR4(346-360aa, SYTQSTVDHDFRDAL), identical to the related rat sequence.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	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.

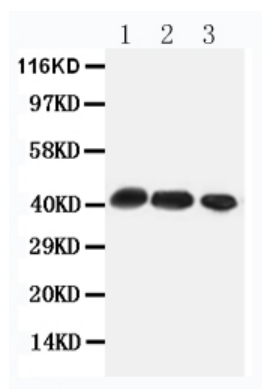
Protein Information

Name	Ccr4
Synonyms	Cmkbr4
Function	High affinity receptor for the C-C type chemokines CCL17/TARC and CCL22/MDC. The activity of this receptor is mediated by G(i) proteins which activate a phosphatidylinositol-calcium second messenger system. Could play a role in lipopolysaccharide (LPS)-induced endotoxic shock. In the CNS, could mediate hippocampal-neuron survival.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Expressed in the thymus, macrophages and T- and B- cells

Background

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.

Images



Anti-CCR4 antibody, ABO10835, Western blotting
All lanes:
Anti CCR4 (ABO10835) 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.