

Anti-CCL4/MIP-1 beta Antibody

Catalog # ABO11780

Product Information

Application	WB
Primary Accession	P50230
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for C-C motif chemokine 4(CCL4) detection. Tested with WB in Rat.

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

Additional Information

Gene ID	116637
Other Names	C-C motif chemokine 4, Macrophage inflammatory protein 1-beta, MIP-1-beta, Small-inducible cytokine A4, Ccl4, Mip1b, Scya4
Calculated MW	10234
Application Details	Western blot, 0.1-0.5 µg/ml, Rat
Subcellular Localization	Secreted.
Source	Eukaryota
Protein Name	C-C motif chemokine 4
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E.coli-derived rat CCL4 recombinant protein (Position: A24-N92). Rat CCL4 shares 80% and 86% amino acid (aa) sequences identity with human and mouse CCL4, respectively.
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	Ccl4
Synonyms	Mip1b, Scya4
Function	Monokine with inflammatory and chemokinetic properties.
Cellular Location	Secreted.

Background

Chemokine(C-C motif) ligand 4, also known as CCL4, is a protein which in human is encoded by the CCL4 gene. By analysis of somatic cell hybrids and by in situ hybridization, the CCL4 gene was assigned to 17q21-q23. It is a CC chemokine with specificity for CCR5 receptors. It is a chemoattractant for natural killer cells, monocytes and a variety of other immune cells. CCL4 is a major HIV-suppressive factor produced by CD8+ T cells. Performing-low memory CD8+ T cells that normally synthesize CCL4. Based on functional analysis of CCL4, one or more additional beta chemokine receptors that transduce CCL4 signals must also exist. MIP-1alpha and CCL4 have been shown to lack affinity for the erythrocyte surface chemokine receptor/Duffy antigen that binds many alpha as well as beta chemokines(11, 14).

Images



Anti-CCL4 Picoband antibody, ABO11780-1.jpgAll lanes:
Anti-CCL4(ABO11780) at 0.5ug/mlWB: Recombinant Rat
CCL4 Protein 0.5ng Predicted bind size: 36KDObserved
bind size: 36KD

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