

CCL4 Antibody / MIP-1 beta (R31955)

Catalog No.	Formulation	Size
R31955	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P13236
Applications	Western Blot : 0.1-0.5ug/ml ELISA : 0.1-0.5ug/ml (human protein tested); request BSA-free format for coating
Limitations	This CCL4 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with CCL4 antibody. Expected molecular weight: 10/8 kDa (precursor/mature).

Description

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. And 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).

Application Notes

Optimal dilution of the CCL4 antibody should be determined by the researcher.

Immunogen

Amino acids 24-92 of human CCL4 were used as the immunogen for the CCL4 antibody.

Storage

After reconstitution, the CCL4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.