

CCL4 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10172b**Specification**

CCL4 Antibody (Center) Blocking peptide - Product InformationPrimary Accession
Other Accession[P13236](#)
[NP_996890.1](#), [NP_002975.1](#), [NP_001001435.1](#)**CCL4 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 388372;6351**Other Names**

C-C motif chemokine 4, G-26 T-lymphocyte-secreted protein, HC21, Lymphocyte activation gene 1 protein, LAG-1, MIP-1-beta(1-69), Macrophage inflammatory protein 1-beta, MIP-1-beta, PAT 744, Protein H400, SIS-gamma, Small-inducible cytokine A4, T-cell activation protein 2, ACT-2, MIP-1-beta(3-69), CCL4, LAG1, MIP1B, SCYA4

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CCL4 Antibody (Center) Blocking peptide - Protein Information**Name** CCL4**Synonyms** LAG1, MIP1B, SCYA4**Function**

Monokine with inflammatory and chemokinetic properties. Binds to CCR5. One of the major HIV-suppressive factors produced by CD8+ T- cells. Recombinant MIP-1-beta induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form MIP-1-beta(3-69) retains the abilities to induce down-modulation of surface expression of the chemokine receptor CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells. MIP-1- beta(3-69) is also a ligand for CCR1 and CCR2 isoform B.

Cellular Location

Secreted.

CCL4 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CCL4 Antibody (Center) Blocking peptide - Images

CCL4 Antibody (Center) Blocking peptide - Background

This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. This protein is similar to CCL4 which inhibits HIV entry by binding to the cellular receptor CCR5. The copy number of this gene varies among individuals; most individuals have 1-5 copies in the diploid genome, although rare individuals do not contain this gene at all. The human genome reference assembly contains two copies of this gene. This record represents the more centromeric gene. [provided by RefSeq].

CCL4 Antibody (Center) Blocking peptide - References

Colobran, R., et al. Clin. Exp. Immunol. 162(1):41-52(2010) Lajoie, J., et al. J. Clin. Immunol. 30(1):90-98(2010) Colobran, R., et al. Genes Immun. 10(3):254-259(2009) Shostakovich-Koretskaya, L., et al. AIDS 23(6):679-688(2009) Melzer, D., et al. PLoS Genet. 4 (5), E1000072 (2008) :