



Product Information Sheet

Polyclonal Anti- MIP1b/CCL4 (Magnetic Bead Conjugate)

Catalogue No. PA1379-M

Lot No. 0131112017927

Ig type rabbit IgG

Size 100µg/vial

Specificity

Mouse.

No cross reactivity with other proteins.

Recommended application

ImmunoPrecipitation

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminal of mouse MIP1b (74-88 aa), identical to the related mouse and rat sequence.

Purity

Immunogen affinity purified.

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Reconstitution

0.2ml of distilled water will yield a concentration of 500µg/ml.

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 longer time.

BACKGROUND

Chemokine (C-C motif) ligand 4, also known as CCL4, is a protein which in humans is encoded by the CCL4 gene. 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 MIP-1-beta. Modi et al. (1991) assigned the SCYA4 gene to a slightly more distal location than had Irving et al. (1990): 17q21-q23 rather than 17q11-q21.

REFERENCE

- 1.Irving SG, Zipfel PF, Balke J, McBride OW, Morton CC, Burd PR, Siebenlist U, Kelly K (June 1990). Nucleic Acids Res. 18 (11): 3261–70.
- 2.Bystry RS, Aluvihare V, Welch KA, Kallikourdis M, Betz AG (December 2001). "B cells and professional APCs recruit regulatory T cells via CCL4". Nat. Immunol. 2 (12): 1126–32.
- 3.Cocchi F, DeVico AL, Garzino-Demo A, Arya SK, Gallo RC, Lusso P (December 1995). Science (journal) 270 (5243): 1811–5..
- 4.Kamin-Lewis R, Abdelwahab SF, Trang C, Baker A, DeVico AL, Gallo RC, Lewis GK (July 2001).

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