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CCL4 (C) Antibody, Rabbit Polyclonal

Cat#: R0096-1

Quantity: 100 ug

Predicted M.W.: 10 kDa

Lot#: Refer to vial

Application: WB, ELISA

Uniprot ID: P14097

Background:

Chemokine (C-C motif) ligand 4 (CCL4) is a monokine with inflammatory and chemokinetic properties. CCL4 has the capability to bind the chemokine receptor CCR5, and it is one of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant CCL4 induces a dose-dependent inhibition of different strains of HIV-1, HIV-2 and SIV. The processed form of CCL4 retains the abilities to induce down-modulation of the surface expression of CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells.

Other Names:

RP23-320E6.8, AT744.1, Act-2, MIP-1B, Scya4

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of mouse CCL4. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Mouse

Tested Applications:

WB: 1:1,000-1:5,000 (detect recombinant protein)

ELISA: 1:1,000- 1:10,000 (detect native recombinant protein in a direct ELISA assay). Suitable for using as ELISA capture or detection antibody.

Product Data:

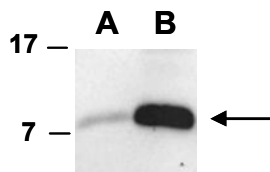


Fig 1. Western blot of recombinant mouse CCL4 protein (A: 10 ng; B: 100 ng), using Ab (R0096-1) at RT for 2 h.