

## ARG66092 anti-CCL4 / MIP1 beta antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CCL4 / MIP1 beta
Tested Reactivity	Ms
Tested Application	ELISA, Neut, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CCL4 / MIP1 beta
Species	Mouse
Immunogen	E. coli derived recombinant Mouse CCL4 / MIP1 beta. (APMGSDPPTS CCFSYTSRQL HRSFVMDYYE TSSLCSKPAV VFLTKRGRQI CANPSEPWVT EYMSDLELN)
Conjugation	Un-conjugated
Alternate Names	ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; AT744.1; MIP-1-beta

### Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG66093 as a detection antibody
	Neut	8.0 - 10.0 µg/ml (To yield [ND50] of the biological activity of Murine MIP-1β (100.0 ng/ml) )
	WB	0.1 - 0.2 µg/ml

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

### Database links

[GeneID: 20303 Mouse](#)

[Swiss-port # P14097 Mouse](#)

### Gene Symbol

Ccl4

### Gene Full Name

chemokine (C-C motif) ligand 4

### Background

The protein encoded by this gene is a mitogen-inducible monokine and is one of the major HIV-suppressive factors produced by CD8+ T-cells. The encoded protein is secreted and has chemokinetic and inflammatory functions. [provided by RefSeq, Dec 2012]

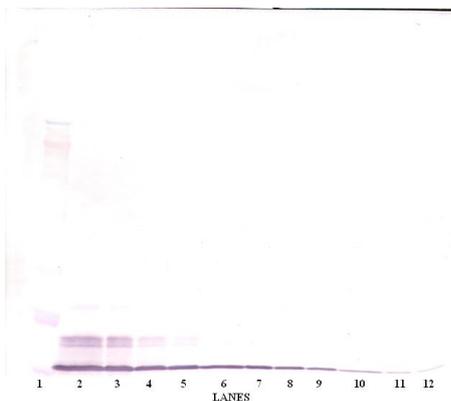
### Function

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. [UniProt]

### Calculated Mw

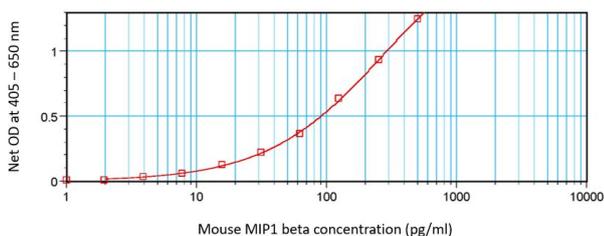
10 kDa

## Images



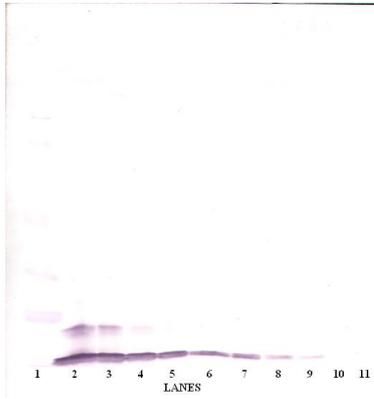
ARG66092 anti-CCL4 / MIP1 beta antibody WB image

Western blot: 250 - 0.24 ng of Mouse MIP-1 $\beta$  stained with ARG66092 anti-CCL4 / MIP1 beta antibody, under non-reducing conditions.



ARG66092 anti-CCL4 / MIP1 beta antibody standard curve image

Sandwich ELISA: ARG66092 anti-CCL4 / MIP1 beta antibody as a capture antibody at 0.5 - 2.0  $\mu$ g/ml combined with ARG66093 anti-CCL4 / MCP1 beta antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66092 anti-CCL4 / MIP1 beta antibody WB image

Western blot: 250 - 0.24 ng of Mouse MIP-1 $\beta$  stained with ARG66092 anti-CCL4 / MIP1 beta antibody, under reducing conditions.