

---

**Product Name: CCL4/MIP1 beta (2H8) Rabbit Monoclonal Antibody****Catalog #: AMRe08145**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:10000,ICC/IF 1:100-1:200,IP 1:50-1:100
<b>Molecular Weight</b>	10kDa

**Antigen Information**

<b>Gene Name</b>	CCL4
<b>Alternative Names</b>	ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; AT744.1;MIP-1-beta;
<b>Gene ID</b>	388372;6351
<b>SwissProt ID</b>	P13236
<b>Immunogen</b>	A synthetic peptide of human CCL4

**Background**

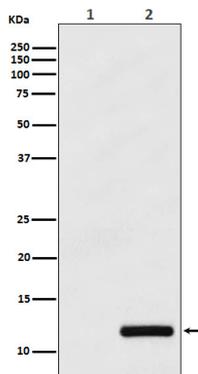
Monokine with inflammatory and chemokinetic properties. Binds to CCR5. One of the major HIV-suppressive factors produced

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). 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.

## Research Area

Immunology; Innate Immunity; Chemokines; Beta Chemokines (CC); Macrophage / Inflamm; Immune System Diseases; Antiviral Signaling; HIV-related; Cytokines and cytokine receptors ELISA kits; Neuroscience

## Image Data



Western blot analysis of CCL4/MIP1 beta expression in (1) THP-1 cell lysate; (2) THP-1 cell treated with PMA+LPS+Brefeldin A.