

For Research Use Only

# CCL4/MIP-1 beta Polyclonal antibody

Catalog Number: 26614-1-AP



## Basic Information

<b>Catalog Number:</b> 26614-1-AP	<b>GenBank Accession Number:</b> BC107433	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6351	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P13236	
<b>Isotype:</b> IgG	<b>Full Name:</b> chemokine (C-C motif) ligand 4	
<b>Immunogen Catalog Number:</b> AG25070	<b>Calculated MW:</b> 92 aa, 10 kDa	
	<b>Observed MW:</b> 10 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : PMA, LPS and Brefeldin A treated THP-1 cells, Transfected HEK-293 cells
<b>Species Specificity:</b> human	

## Background Information

CCL4, also known as Macrophage inflammatory protein-1 $\beta$  (MIP-1 $\beta$ ), is a CC chemokine with specificity for CCR5 receptors, and is one of the major HIV-suppressive factors produced by CD8+ T-cells. MIP-1 $\beta$  is an acidic protein composed of 69 amino acids that is produced by many cells, particularly macrophages, dendritic cells, and lymphocytes. MIP-1 $\beta$  is responsible for the activation of PMN and is involved in acute neutrophilic inflammation. Recombinant MIP-1 $\beta$  induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV).

## Storage

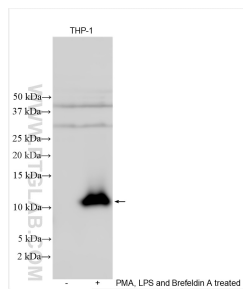
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Untreated THP-1 cells, PMA, LPS, and Brefeldin A treated THP-1 cells were subjected to SDS PAGE followed by western blot with 26614-1-AP (MIP 1 beta antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.