

For Research Use Only

CCL4/MIP-1 beta Polyclonal antibody



Catalog Number: 26614-1-AP

Basic Information

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

Applications

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

Background Information

CCL4, also known as Macrophage inflammatory protein-1 β (MIP-1 β), 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 β is an acidic protein composed of 69 amino acids that is produced by many cells, particularly macrophages, dendritic cells, and lymphocytes. MIP-1 β is responsible for the activation of PMN and is involved in acute neutrophilic inflammation. Recombinant MIP-1 β 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

For technical support and original validation data for this product please contact:

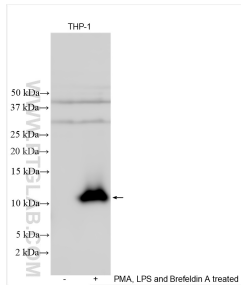
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Selected Validation Data



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.