

For Research Use Only

# MIP-3 Beta Polyclonal antibody

Catalog Number: 13397-1-AP

7 Publications



## Basic Information

### Catalog Number:

13397-1-AP

### Size:

150ul, Concentration: 313 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4200

### GenBank Accession Number:

BC027968

### GeneID (NCBI):

6363

### Full Name:

chemokine (C-C motif) ligand 19

### Calculated MW:

98 aa, 12 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IF 1:50-1:500

## Applications

### Tested Applications:

FC, IF, WB, ELISA

### Cited Applications:

IF, IHC

### Species Specificity:

human

### Cited Species:

human

### Positive Controls:

WB : THP-1 cells,

IF : A549 cells,

## Background Information

CCL19, also known as MIP-3β, is one of several CC cytokine genes clustered on the p-arm of chromosome 9. CCL19 may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7.

## Notable Publications

Author	Pubmed ID	Journal	Application
Bing Yang	34777388	Front Immunol	IF
Víctor D. Cuevas	34670213	J Innate Immun	IHC
Allison L Mathes	23873879	Ann Rheum Dis	IF

## 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

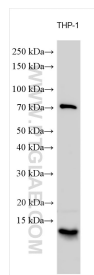
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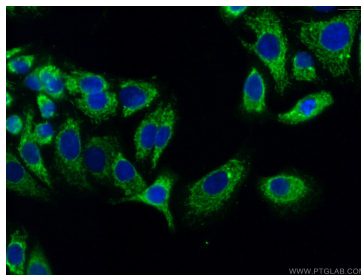
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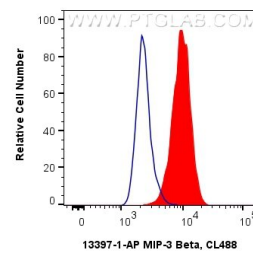
## Selected Validation Data



THP-1 cells were subjected to SDS PAGE followed by western blot with 13397-1-AP (MIP-3 Beta antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 13397-1-AP (MIP-3-beta antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> A549 cells were intracellularly stained with 0.4 ug Anti-Human MIP-3 Beta (13397-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone: ) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).