

For Research Use Only

CCL19/MIP-3 beta Polyclonal antibody

Catalog Number: 13397-1-AP

9 Publications



Basic Information

Catalog Number:

13397-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4200

GenBank Accession Number:

BC027968

GeneID (NCBI):

6363

UNIPROT ID:

Q99731

Full Name:

chemokine (C-C motif) ligand 19

Calculated MW:

98 aa, 12 kDa

Observed MW:

11 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

IF/ICC: 1:200-1:800

FC (Intra): 0.40 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Cited Applications:

IHC, IF

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB: THP-1 cells,

IF/ICC: A549 cells,

FC (Intra): A549 cells,

Background Information

CCL19, also known as MIP-3 β , 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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

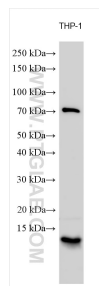
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

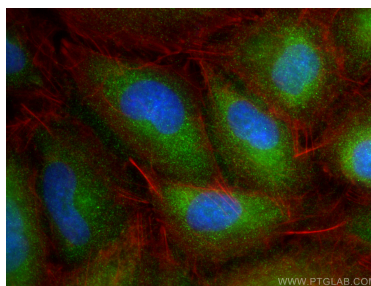
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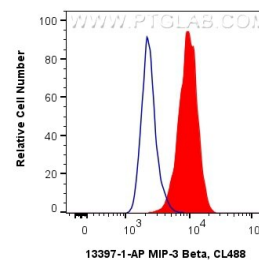
Selected Validation Data



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 (4% PFA) fixed A549 cells using MIP-3 Beta antibody (13397-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



1X10⁶ 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-O-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).