

## Rabbit anti-Human MIP-3 Beta/CCL19 Polyclonal Antibody | anti-MIP-3Beta/CCL19 antibody

Anti-MIP-3 Beta/CCL19 Antibody

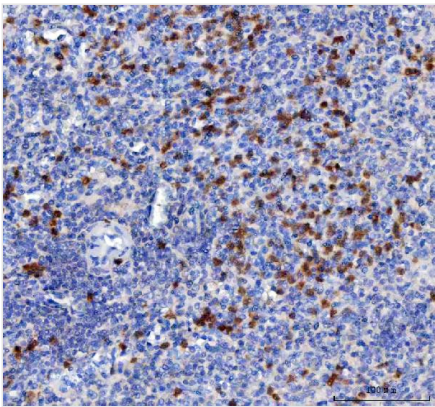
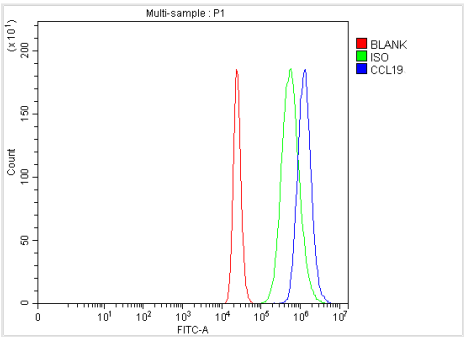
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA127069 | Rabbit | Human      | ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry |

### PRODUCT SYNONYMS

MIP-3 Beta/CCL19; Polyclonal Antibody; Anti-MIP-3 Beta/CCL19 Antibody; Serine/threonine-protein kinase AtPK1/AtPK6; 70 kDa ribosomal protein S6 kinase 1 antibody; KS6B1\_HUMAN antibody; p70 alpha antibody; P70 beta 1 antibody; p70 ribosomal S6 kinase alpha antibody; p70 ribosomal S6 kinase beta 1 antibody; p70 S6 kinase alpha antibody; P70 S6 Kinase antibody; p70 S6 kinase alpha 1 antibody; p70 S6 kinase alpha 2 antibody; p70 S6K antibody; p70 S6K-alpha antibody; p70 S6KA antibody; p70(S6K) alpha antibody; p70(S6K)-alpha antibody; p70-alpha antibody; p70-S6K 1 antibody; p70-S6K antibody; P70S6K antibody; P70S6K1 antibody; p70S6Kb antibody; PS6K antibody; Ribosomal protein S6 kinase 70kDa polypeptide 1 antibody; Ribosomal protein S6 kinase beta 1 antibody; Ribosomal protein S6 kinase beta-1 antibody; Ribosomal protein S6 kinase I antibody; RPS6KB1 antibody; S6K antibody; S6K-beta-1 antibody; S6K1 antibody; Serine/threonine kinase 14 alpha antibody; Serine/threonine-protein kinase 14A antibody; STK14A antibody; anti-MIP-3Beta/CCL19 antibody

### PRODUCT SPECIFICATIONS

|                                                           |                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                      | Rabbit                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity                                                | Human                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                                 | Polyclonal                                                                                                                                                                                                                                                                                                                                                     |
| Isotype                                                   | IgG                                                                                                                                                                                                                                                                                                                                                            |
| Specificity                                               | Expressed in all tissues.                                                                                                                                                                                                                                                                                                                                      |
| Purity/Purification                                       | Immunogen affinity purified.                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                               | Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.                                                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-MIP-3Beta/CCL19 antibody | ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                   |
| Immunogen                                                 | E coli-derived human MIP-3 Beta/CCL19 recombinant protein (Position: G22-S98).                                                                                                                                                                                                                                                                                 |
| Subcellular Localization                                  | Cytoplasm, Nucleus                                                                                                                                                                                                                                                                                                                                             |
| Reconstitution                                            | Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                                                                                                                                                                       |
| Cross Reactivity                                          | No cross reactivity with other proteins.                                                                                                                                                                                                                                                                                                                       |
| Protein Function                                          | Downstream effector of TOR signaling pathway involved in osmotic stress response. Could be involved in the control of plant growth and development. Phosphorylates the ribosomal proteins P14, P16 and S6. Functions as a repressor of cell proliferation and required for maintenance of chromosome stability and ploidy levels through the RBR1-E2F pathway. |
| Preparation and Storage                                   | At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.                                                                                                                                          |



**FCM/FACS (Flow Cytometry)**  
Figure 2. Flow Cytometry analysis of THP-1 cells using anti-MIP-3 Beta/CCL19 antibody (AAA127069).Overlay histogram showing THP-1 cells stained with AAA127069 (Blue line). The cells were fixed with 4% paraformaldehyde and blocked with 10% normal goat serum. And then incubated with rabbit anti-MIP-3 Beta/CCL19 Antibody (AAA127069, 1ug/1x106 cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1ug/1x106) used under the same conditions. Unlabelled sample (Red line) was also used as a control.

**IHC (Immunohistochemistry)**  
Figure 1. IHC analysis of MIP-3 Beta/CCL19 using anti-MIP-3 Beta/CCL19 antibody (AAA127069).MIP-3 Beta/CCL19 was detected in a paraffin-embedded section of human spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-MIP-3 Beta/CCL19 Antibody (AAA127069) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-MIP-3Beta/CCL19 antibody | Primary Antibodies; Signal Transduction; Signaling Pathway; Small G Proteins                                                                                                                                                                                                                                                                  |
| References                                                  | 1. Yoshida R, Imai T, Hieshima K, Kusuda J, Baba M, Kitaura M, Nishimura M, Kakizaki M, Nomiyama H, Yoshie O (Jul 1997). "Molecular cloning of a novel human CC chemokine EBI1-ligand chemokine that is a specific functional ligand for EBI1, CCR7". J Biol Chem. 272 (21): 13803-9.2. "Entrez Gene: CCL19 chemokine (C-C motif) ligand 19". |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 1791003                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | 6363                                                                                                                                                                                                                                                            |
| UniProt Accession #              | Q99731; O00697; O00736                                                                                                                                                                                                                                          |
| Molecular Weight                 | 10,993 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | macrophage inflammatory protein 3 beta                                                                                                                                                                                                                          |
| NCBI Official Synonym Full Names | chemokine (C-C motif) ligand 19                                                                                                                                                                                                                                 |
| NCBI Official Symbol             | CCL19                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | ELC; CKb11; MIP3B; MIP-3b; SCYA19                                                                                                                                                                                                                               |
| NCBI Protein Information         | C-C motif chemokine 19; exodus-3; CK beta-11; MIP-3-beta; EBI1 ligand chemokine; EBI1-ligand chemokine; CC chemokine ligand 19; beta chemokine exodus-3; beta-chemokine exodus-3; small-inducible cytokine A19; macrophage inflammatory protein 3 beta; macroph |
| UniProt Protein Name             | C-C motif chemokine 19                                                                                                                                                                                                                                          |
| UniProt Gene Name                | CCL19                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | ELC; MIP3B; SCYA19; EBI1 ligand chemokine; ELC; MIP-3-beta                                                                                                                                                                                                      |
| UniProt Entry Name               | CCL19_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mip-3-beta-ccl19-antibody-flow-cytometry-immunohistochemistry-elisa/127069>