

## anti-Human CCL3 Polyclonal Antibody | anti-CCL3 antibody

Anti-CCL3 Antibody

|                              |                            |                                            |
|------------------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA46381</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|------------------------------|----------------------------|--------------------------------------------|

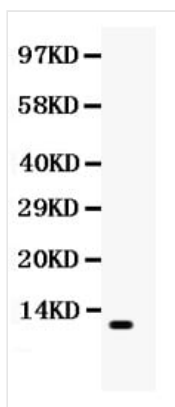
### PRODUCT SYNONYMS

CCL3; Polyclonal Antibody; Anti-CCL3 Antibody; C-C motif chemokine 3; C C motif chemokine 3; CCL 3; CCL3\_HUMAN; Chemokine C; C motif ligand 3; Chemokine CC Motif Ligand 3; G0/G1 switch regulatory protein 19 1; G0/G1 switch regulatory protein 19-1; G0S19 1; G0S19 1 protein; Heparin binding chemotaxis protein; L2G25B; LD78 alpha; LD78-alpha(4-69); LD78ALPHA; Macrophage inflammatory protein 1 alpha; Macrophage inflammatory protein 1-alpha; MIP 1 alpha; MIP 1A; MIP-1-alpha; MIP-1-alpha(4-69); MIP1A; PAT 464.1; SCYA 3; SCYA3; SIS alpha; SIS beta; SIS-beta; Small inducible cytokine A3; Small-inducible cytokine A3; Tonsillar lymphocyte LD78 alpha protein; chemokine (C-C motif) ligand 3; anti-CCL3 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human                                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                                |
| Purity/Purification                            | Immunogen Affinity Purified                                                                                                                                                                               |
| Form/Format                                    | Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.                                                                                                                          |
| Sequence Length                                | 92                                                                                                                                                                                                        |
| Applicable Applications for anti-CCL3 antibody | ELISA, WB (Western Blot)                                                                                                                                                                                  |
| Immunogen                                      | E Coli-derived human CCL3 recombinant protein (Position: S24-A92). Human CCL3 shares 75.8% and 77.3% amino acid (aa) sequence identity with mouse and rat CCL3, respectively.                             |
| Ig Type                                        | Rabbit IgG                                                                                                                                                                                                |
| Reconstitution                                 | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                      |
| Preparation and Storage                        | Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing. |

### IMAGES



#### WB (Western Blot)

Anti- CCL3 Picoband antibody, AAA46381, Western blottingAll lanes: Anti CCL3 (AAA46381) at 0.5ug/mlWB: JURKAT Whole Cell Lysate at 40ugPredicted bind size: 11KDObserved bind size: 11KD

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CCL3 antibody | <p>Description: Rabbit IgG polyclonal antibody for C-C motif chemokine 3(CCL3) detection. Tested with WB, ELISA in Human.</p> <p>Background: Macrophage inflammatory protein-1 alpha (MIP-1 alpha), also called CCL3, LD78. The cDNA for CCL3 predicts a mature peptide of 69 amino acids with a molecular mass of 7,889 daltons. CCL3 is a member of a newly identified superfamily of small inducible proteins involved in inflammatory responses, wound healing and tumorigenesis. CCL3 is a chemokine that has pro-inflammatory and stem cell inhibitory activities in vitro. It constitutes an important second signal for mast cell degranulation in the conjunctiva in vivo and consequently for acute-phase disease.</p>                                                                 |
| References                                         | <p>1. Cook, D. N.; Beck, M. A.; Coffman, T. M.; Kirby, S. L.; Sheridan, J. F.; Pragnell, I. B.; Smithies, O. Requirement of MIP-1-alpha for an inflammatory response to viral infection. Science 269: 1583-1585, 1995. 2. Miyazaki, D.; Nakamura, T.; Toda, M.; Cheung-Chau, K.-W.; Richardson, R. M.; Ono, S. J. Macrophage inflammatory protein-1-alpha as a costimulatory signal for mast cell-mediated immediate hypersensitivity reactions. J. Clin. Invest. 115: 434-442, 2005. 3. Nakao, M.; Nomiya, H.; Shimada, K. Structures of human genes coding for cytokine LD78 and their expression. Molec. Cell. Biol. 10: 3646-3658, 1990. 4. Wolpe, S. D.; Cerami, A. Macrophage inflammatory proteins 1 and 2: members of a novel superfamily of cytokines. FASEB J. 3: 2565-2573, 1989.</p> |

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 4506843                                       |
| NCBI GeneID                      | 6348                                          |
| NCBI Accession #                 | NP_002974.1                                   |
| NCBI GenBank Nucleotide #        | NM_002983.2                                   |
| UniProt Accession #              | P10147                                        |
| NCBI Official Full Name          | C-C motif chemokine 3                         |
| NCBI Official Synonym Full Names | C-C motif chemokine ligand 3                  |
| NCBI Official Symbol             | CCL3                                          |
| NCBI Official Synonym Symbols    | MIP1A; SCYA3; G0S19-1; LD78ALPHA; MIP-1-alpha |
| NCBI Protein Information         | C-C motif chemokine 3                         |
| UniProt Protein Name             | C-C motif chemokine 3                         |
| UniProt Gene Name                | CCL3                                          |
| UniProt Synonym Gene Names       | G0S19-1; MIP1A; SCYA3; MIP-1-alpha            |
| UniProt Entry Name               | CCL3_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/ccl3-antibody-western-blot-elisa/46381>