# ARG56796
# anti-MIP4 antibody (Biotin)

Package: 50 µg
Store at: 4°C

## Summary

| | |
|---|---|
| Product Description | Biotin-conjugated Rabbit Polyclonal antibody recognizes MIP4 |
| Tested Reactivity | Hu |
| Tested Application | ELISA, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | MIP4 |
| Species | Human |
| Immunogen | E.coli derived Recombinant Human MIP-4.<br>(QVGTNKELCC LVYTSWQIPQ KFLVDYSETS PQCPKPGVIL LTKRGRQICA DPNKKWVQKY ISDLKLNA) |
| Conjugation | Biotin |
| Alternate Names | Small-inducible cytokine A18; 3-69; PARC; Alternative macrophage activation-associated CC chemokine 1; Macrophage inflammatory protein 4; SCYA18; Dendritic cell chemokine 1; CC chemokine PARC; 4-69; 1-68; C-C motif chemokine 18; DC-CK1; AMAC1; Pulmonary and activation-regulated chemokine; AMAC-1; DCCK1; MIP-4; CKb7 |

## Application Instructions

Application table

| Application | Dilution |
|---|---|
| ELISA | Direct: 0.25 - 1.0 µg/ml<br>Sandwich: 0.25 - 1.0 µg/ml with ARG56687 as a capture antibody |
| WB | 0.1 - 0.2 µg/ml |

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

## Properties

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|---|---|
| Form | Liquid |
| Purification | Purified by affinity chromatography. |
| Buffer | PBS (pH 7.2) |
| Concentration | 1 mg/ml |
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

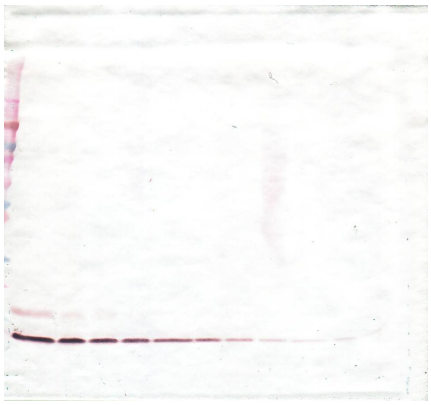
## Bioinformation

| | |
|---|---|
| Database links | GeneID: 6362 Human<br><br>Swiss-port # P55774 Human |
| Gene Symbol | CCL18 |
| Gene Full Name | chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated) |
| Background | This antimicrobial gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for naive T cells, CD4+ and CD8+ T cells and nonactivated lymphocytes, but not for monocytes or granulocytes. This chemokine attracts naive T lymphocytes toward dendritic cells and activated macrophages in lymph nodes. It may play a role in both humoral and cell-mediated immunity responses. [provided by RefSeq, Sep 2014] |
| Function | Chemotactic factor that attracts lymphocytes but not monocytes or granulocytes. May be involved in B-cell migration into B-cell follicles in lymph nodes. Attracts naive T-lymphocytes toward dendritic cells and activated macrophages in lymph nodes, has chemotactic activity for naive T-cells, CD4+ and CD8+ T-cells and thus may play a role in both humoral and cell-mediated immunity responses. [UniProt] |
| Calculated Mw | 10 kDa |
| PTM | The Cys-30/Cys-54 disulfide bond is required for activity. |

## Images

ARG56796 anti-MIP4 antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Human MIP-4 stained with ARG56796 anti-MIP4 antibody (Biotin), under reducing conditions.



ARG56796 anti-MIP4 antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Human MIP-4 stained with ARG56796 anti-MIP4 antibody (Biotin), under non-reducing conditions.