

# Anti-CCL2 / MCP1 Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17968

## Product Information

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|-----------------------|------------------------|
| Application           | WB, IHC-P, E           |
| Primary Accession     | <a href="#">P13500</a> |
| Predicted             | Human                  |
| Host                  | Rabbit                 |
| Clonality             | Polyclonal             |
| Isotype               | IgG                    |
| Calculated MW         | 11025                  |
| Concentration (mg/ml) | 1 mg/ml                |

## Additional Information

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| Gene ID                  | 6347                                                                                                                                                                                                             |
| Alias Symbol             | CCL2                                                                                                                                                                                                             |
| Other Names              | CCL2, C-C motif chemokine 2, Chemokine (C-C motif) ligand 2, GDCF-2, HC11, HSMCR30, MCP1, SCYA2, Small-inducible cytokine A2, Monocyte secretory protein JE, MCAF, MCP-1, Monocyte chemotactic protein 1, SMC-CF |
| Target/Specificity       | Human CCL2 / MCP-1                                                                                                                                                                                               |
| Reconstitution & Storage | Caprylic acid and ammonium sulfate precipitation                                                                                                                                                                 |
| Precautions              | Anti-CCL2 / MCP1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                                                                                      |

## Protein Information

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| Name              | CCL2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Synonyms          | MCP1, SCYA2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Function          | Acts as a ligand for C-C chemokine receptor CCR2 (PubMed: <a href="#">10529171</a> , PubMed: <a href="#">10587439</a> , PubMed: <a href="#">9837883</a> ). Signals through binding and activation of CCR2 and induces a strong chemotactic response and mobilization of intracellular calcium ions (PubMed: <a href="#">10587439</a> , PubMed: <a href="#">9837883</a> ). Exhibits a chemotactic activity for monocytes and basophils but not neutrophils or eosinophils (PubMed: <a href="#">8195247</a> , PubMed: <a href="#">8627182</a> , PubMed: <a href="#">9792674</a> ). May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis (PubMed: <a href="#">8107690</a> ). |
| Cellular Location | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**Tissue Location**

Expressed in the seminal plasma, endometrial fluid and follicular fluid (at protein level) (PubMed:23765988). Expressed in monocytes (PubMed:2513477).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.