



## Rabbit polyclonal antibody to human Monocyte chemotactic protein 1 (24-36): Affinity purified

<b>Catalogue No.:</b>	R-1478-100
<b>Description:</b>	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. CCL2 is a chemotactic factor that attracts monocytes and basophils but not neutrophils or eosinophils (Ref: SWISSPROT). Both microglia and astrocytes secrete CCL2/MCP-1.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 µg
<b>Antigen:</b>	A synthetic peptide corresponding to a region (24-36 aa) from human Monocyte chemotactic protein 1 (CCL2).
<b>Antigen Location:</b>	24-36
<b>Other Names:</b>	C-C motif chemokine 2; HC11; Monocyte chemoattractant protein 1; Monocyte chemotactic and activating factor; MCAF; Monocyte chemotactic protein 1; MCP-1; Monocyte secretory protein JE; Small-inducible cytokine A2; CCL2; MCP1; SCYA2;
<b>Accession:</b>	P13500 CCL2_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0 µg/ml is recommended for WB. Human CCL2 has a predicted length of 99 amino acids and MW of 11 kDa. . Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Monocyte chemotactic protein 1
<b>Cross-reactivity:</b>	Human; rat; mouse;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub>
<b>Appearance:</b>	White powder
<b>Reconstitution:</b>	Reconstitute in 100 µl of sterile distilled water to achieve an antibody concentration of 1 mg/ml. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase
<b>References:</b>	1. Ishizuka K. et al. Identification of monocyte chemoattractant protein-1 in senile plaques and reactive microglia of Alzheimer's disease. <i>Psychiatry Clin Neurosci.</i> 1997 Jun;51(3):135-8. 2. Van Der Voorn P. et al. Expression of MCP-1 by reactive astrocytes in demyelinating multiple sclerosis lesions. <i>Am J Pathol.</i> 1999 Jan;154(1):45-51.

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