

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

Catalogue No.:	R-1478-100
Description:	THIS PRODUCT HAS BEEN SUPERCEDED.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.
Batch No.:	See product label
Unit size:	100 µg
Antigen:	A synthetic peptide corresponding to a region (24-36 aa) from human Monocyte chemotactic protein 1 (CCL2).
Antigen Location:	24-36
Other Names:	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;
Accession:	P13500 CCL2_HUMAN;
Produced in:	Rabbit
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Antibody Against:	Monocyte chemotactic protein 1
Cross-reactivity:	Human; rat; mouse;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Appearance:	White powder
Reconstitution:	Reconstitute in 100 µl of sterile distilled water to achieve an antibody concentration of 1 mg/ml. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase
References:	<ol style="list-style-type: none">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.

FOR RESEARCH USE ONLY
