

bs-1985R**[Primary Antibody]****MCP-2 Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1:100-500) ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: Mouse)
Target: MCP-2		
Immunogen: KLH conjugated synthetic peptide derived from mouse MCP-2: 20-97/97.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 9 kDa
Background: This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes, lymphocytes, basophils and eosinophils. By recruiting leukocytes to sites of inflammation this cytokine may contribute to tumor-associated leukocyte infiltration and to the antiviral state against HIV infection. [provided by RefSeq, Jul 2008].		Subcellular Location: Secreted

— SELECTED CITATIONS —

- **[IF=38.49]** Nguyen, Khoa D., et al. "Circadian gene Bmal1 regulates diurnal oscillations of Ly6Chi inflammatory monocytes." Science 341.6153 (2013): 1483-1488. FCM ;Mouse. 23970558
- **[IF=10.8]** Lu Jia. et al. TRPV1 alleviates APOE4-dependent microglial antigen presentation and T cell infiltration in Alzheimer's disease. TRANSL NEURODEGENER. 2024 Dec;13(1):1-24 IF ;Mouse. 39468688
- **[IF=4.59]** Terao, Mika, et al. "Local Glucocorticoid Activation by 11 β -Hydroxysteroid Dehydrogenase 1 in Keratinocytes: The Role in Hapten-Induced Dermatitis."The American Journal of Pathology (2016). IHC ;Mouse. 27070821
- **[IF=4.7]** Czynnik Elena D., et al. Stromal-epithelial interaction induces GALNT14 in prostate carcinoma cells. FRONT ONCOL. 2023 Aug;13: IHC,IF ;Human. 37671061