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ARG66048
anti-CCL8 / MCP2 antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes CCL8 / MCP2
Tested Reactivity	Ms
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CCL8 / MCP2
Species	Mouse
Immunogen	E. coli derived recombinant Mouse CCL8 / MCP2. (GPDKAPVTCC FHVLKLKIPL RVLKSYERIN NIQCPMEAVV FQTKQGMSLC VDPTQKWVSE YMEILDQKSQ ILQP)
Conjugation	Biotin
Alternate Names	SCYA10; MCP2; Small-inducible cytokine A8; 6-76; Monocyte chemotactic protein 2; HC14; SCYA8; C-C motif chemokine 8; MCP-2; Monocyte chemoattractant protein 2

Application Instructions

Application table

Application	Dilution
ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66047 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.

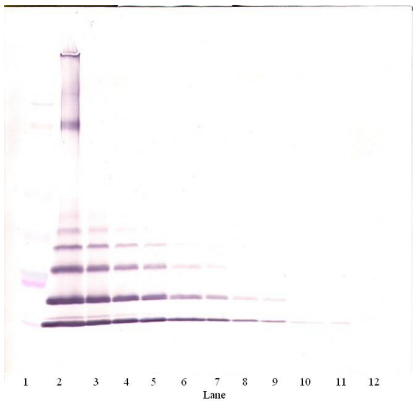
Properties

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

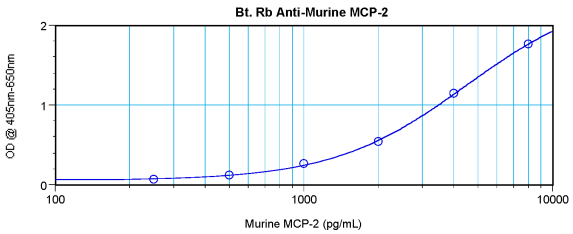
Database links	GeneID: 20307 Mouse Swiss-port # Q9Z121 Mouse
Background	This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of N-terminal cysteine residues of the mature peptide. This chemokine is a member of the CC subfamily which is characterized by two adjacent cysteine residues. 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, Sep 2014]
Function	Chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils. May play a role in neoplasia and inflammatory host responses. This protein can bind heparin. The processed form MCP-2(6-76) does not show monocyte chemotactic activity, but inhibits the chemotactic effect most predominantly of CCL7, and also of CCL2 and CCL5 and CCL8. [UniProt]
Calculated Mw	11 kDa
PTM	N-terminal processed form MCP-2(6-76) is produced by proteolytic cleavage after secretion from peripheral blood monocytes.

Images



ARG66048 anti-CCL8 / MCP2 antibody (Biotin) WB image

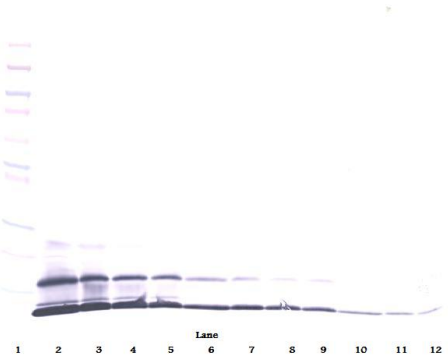
Western blot: 250 - 0.24 ng of Mouse MCP-2 stained with ARG66048 anti-CCL8 / MCP2 antibody (Biotin), under non-reducing conditions.



ARG66048 anti-CCL8 / MCP2 antibody (Biotin) standard curve image

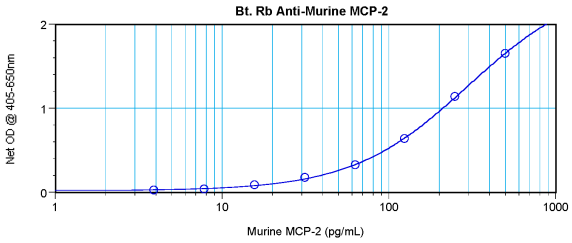
Direct ELISA: ARG66048 anti-CCL8 / MCP2 antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density reading at 405 - 650 nm.

ARG66048 anti-CCL8 / MCP2 antibody (Biotin) WB image



Western blot: 250 - 0.24 ng of Mouse MCP-2 stained with ARG66048 anti-CCL8 / MCP2 antibody (Biotin), under reducing conditions.

ARG66048 anti-CCL8 / MCP2 antibody (Biotin) standard curve image



Sandwich ELISA: ARG66048 anti-CCL8 / MCP2 antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG66047 anti-CCL8 / MCP2 antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.