ARG56818
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	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CCL8 / MCP2
Species	Human
Immunogen	E.coli derived Recombinant Human MCP-2 (CCL8). (QPDSVSIPIT CCFNVINRKI PIQRLESYTR ITNIQCPKEA VIFKTKRGKE VCADPKERWV RDSMKHLDQI FQNLKP)
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 ARG56709 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.

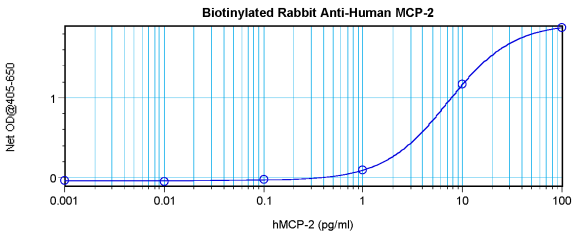
Properties

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

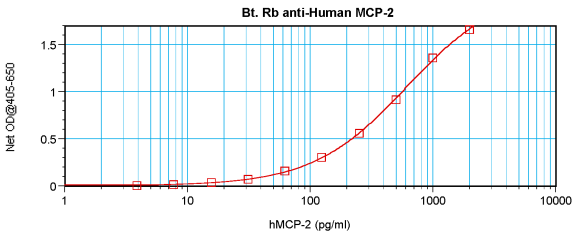
Database links	GeneID: 6355 Human Swiss-port # P80075 Human
Gene Symbol	CCL8
Gene Full Name	chemokine (C-C motif) ligand 8
Background	This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory 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



ARG56818 anti-CCL8 / MCP2 antibody (Biotin) standard curve image

Direct ELISA: ARG56818 anti-CCL8 / MCP2 antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density.



ARG56818 anti-CCL8 / MCP2 antibody (Biotin) standard curve image

Sandwich ELISA: ARG56818 anti-CCL8 / MCP2 antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG56709 anti-MCP2 / CCL8 antibody as a capture antibody. Results of a typical standard run with optical density.