

ARG56811
anti-MCP3 antibody (Biotin)Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Goat Polyclonal antibody recognizes MCP3
Tested Reactivity	Ms
Tested Application	ELISA, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MCP3
Species	Mouse
Immunogen	E.coli derived Recombinant Mouse MCP-3. (QPDGPNASTC CYVKKQKIPK RNLKSYRRIT SSRCPWEAVI FKTKKGMEVC AEAHQKWVEE AIAYLDMKTP TPKP)
Conjugation	Biotin
Alternate Names	MCP3; NC28; Monocyte chemotactic protein 3; MARC; Small-inducible cytokine A7; FIC; C-C motif chemokine 7; Monocyte chemoattractant protein 3; MCP-3; SCYA7; SCYA6

Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG56702 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: 20306 Mouse](#)

[Swiss-port # Q03366 Mouse](#)

Gene Symbol

Ccl7

Gene Full Name

chemokine (C-C motif) ligand 7

Background

This gene encodes monocyte chemoattractant protein 3, a secreted chemokine which attracts macrophages during inflammation and metastasis. It is a member of the C-C subfamily of chemokines which are characterized by having two adjacent cysteine residues. The protein is an in vivo substrate of matrix metalloproteinase 2, an enzyme which degrades components of the extracellular matrix. This gene is part of a cluster of C-C chemokine family members on chromosome 17q. [provided by RefSeq, Jul 2008]

Function

Chemotactic factor that attracts monocytes and eosinophils, but not neutrophils. Augments monocyte anti-tumor activity. Also induces the release of gelatinase B. This protein can bind heparin. Binds to CCR1, CCR2 and CCR3. [UniProt]

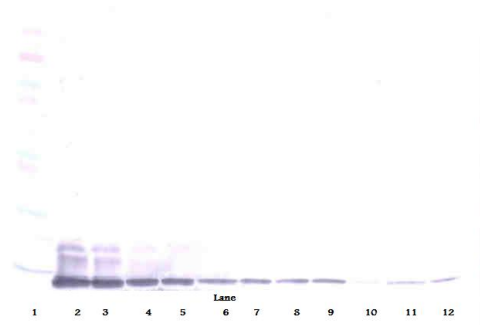
Calculated Mw

11 kDa

PTM

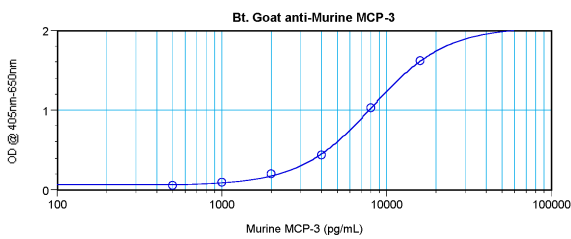
O-glycosylated.

Images



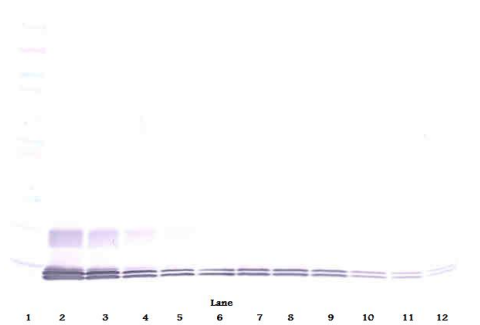
ARG56811 anti-MCP3 antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Mouse MCP-3 stained with ARG56811 anti-MCP3 antibody (Biotin), under reducing conditions.



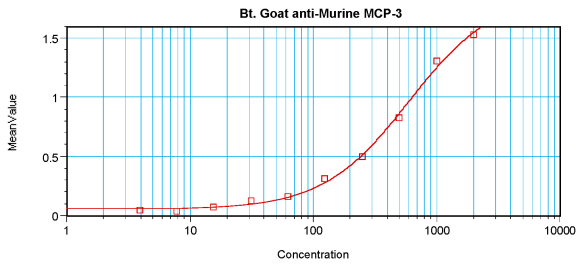
ARG56811 anti-MCP3 antibody (Biotin) standard curve image

Direct ELISA: ARG56811 anti-MCP3 antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density.



ARG56811 anti-MCP3 antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Mouse MCP-3 stained with ARG56811 anti-MCP3 antibody (Biotin), under non-reducing conditions.



ARG56811 anti-MCP3 antibody (Biotin) standard curve image

Sandwich ELISA: ARG56811 anti-MCP3 antibody (Biotin) as a detection antibody at 0.25 - 1.0 $\mu\text{g}/\text{ml}$ combined with ARG56702 anti-MCP3 antibody as a capture antibody. Results of a typical standard run with optical density.