ARG66042
anti-CCL23 antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes CCL23
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CCL23
Species	Human
Immunogen	E. coli derived recombinant Human CCL23. (RVTKDAETEF MMSKLPLENP VLLDRFHATS ADCCISYTPR SIPCSLLESY FETNSECSKP GVIFLTKKGR RFCANPSDKQ VQVCMRMLKL DTRIKTRKN)
Conjugation	Biotin
Alternate Names	Ckb-8-1; CK-beta-8; CKB-8; 27-99; CK-BETA-8; 30-99; SCYA23; CKb8; 22-99; Small-inducible cytokine A23; C-C motif chemokine 23; MPIF-1; hmrp-2a; MIP3; Myeloid progenitor inhibitory factor 1; Macrophage inflammatory protein 3; 19-99; Ckb-8; MIP-3

Application Instructions

Application table

Application	Dilution
ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66041 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.

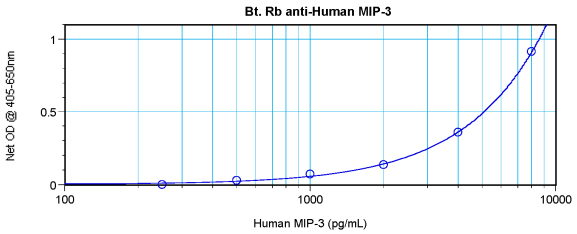
Properties

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

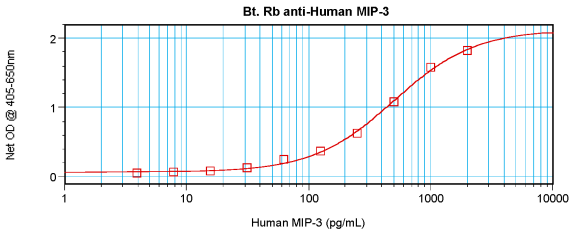
Database links	GeneID: 6368 Human Swiss-port # P55773 Human
Gene Symbol	CCL23
Gene Full Name	chemokine (C-C motif) ligand 23
Background	This gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, displays chemotactic activity on resting T lymphocytes and monocytes, lower activity on neutrophils and no activity on activated T lymphocytes. The protein is also a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line. In addition, the product of this gene is a potent agonist of the chemokine (C-C motif) receptor 1. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Jul 2013]
Function	Shows chemotactic activity for monocytes, resting T-lymphocytes, and neutrophils, but not for activated lymphocytes. Inhibits proliferation of myeloid progenitor cells in colony formation assays. This protein can bind heparin. Binds CCR1. CCL23(19-99), CCL23(22-99), CCL23(27-99), CCL23(30-99) are more potent chemoattractants than the small-inducible cytokine A23. [UniProt]
Calculated Mw	13 kDa

Images



ARG66042 anti-CCL23 antibody (Biotin) standard curve image

Direct ELISA: ARG66042 anti-CCL23 antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66042 anti-CCL23 antibody (Biotin) standard curve image

Sandwich ELISA: ARG66042 anti-CCL23 antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG66041 anti-CCL23 antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.