

ARG66044 anti-CCL16 / LEC antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Goat Polyclonal antibody recognizes CCL16 / LEC
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CCL16 / LEC
Species	Human
Immunogen	E. coli derived recombinant Human CCL16 / LEC. (QPKVPEWVNT PSTCCLKYYE KVLPRRLVVG YRKALNCHLP AIIFVTKRNR EVCTNPNDW VQEYIKDPNL PLLPTNLST VKIITAKNGQ PQLLSQ)
Conjugation	Biotin
Alternate Names	CKb12; HCC-4; LEC; Monotactin-1; SCYA16; Chemokine LEC; MTN-1; SCYL4; Mtn-1; Lymphocyte and monocyte chemoattractant; Small-inducible cytokine A16; Liver-expressed chemokine; IL-10-inducible chemokine; C-C motif chemokine 16; NCC4; LCC-1; ILINCK; LMC; Chemokine CC-4; NCC-4

Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66043 as a capture antibody
	WB	0.1 - 0.2 µg/ml

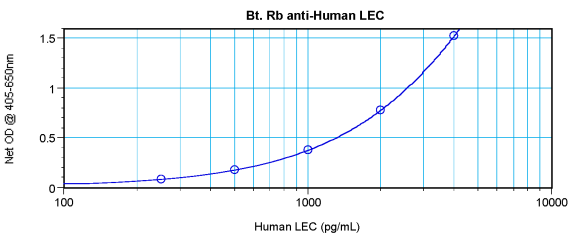
Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

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.

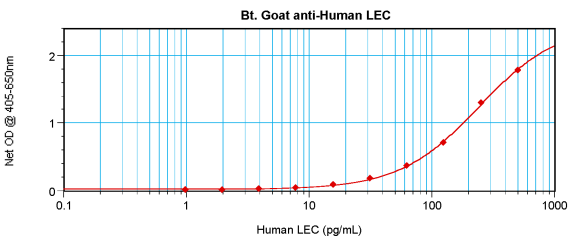
Database links	GeneID: 6360 Human Swiss-port # O15467 Human
Gene Symbol	CCL16
Gene Full Name	chemokine (C-C motif) ligand 16
Background	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for lymphocytes and monocytes but not for neutrophils. This cytokine also shows a potent myelosuppressive activity and suppresses proliferation of myeloid progenitor cells. The expression of this gene is upregulated by IL-10. [provided by RefSeq, Jul 2008]
Function	Shows chemotactic activity for lymphocytes and monocytes but not neutrophils. Also shows potent myelosuppressive activity, suppresses proliferation of myeloid progenitor cells. Recombinant SCYA16 shows chemotactic activity for monocytes and THP-1 monocytes, but not for resting lymphocytes and neutrophils. Induces a calcium flux in THP-1 cells that were desensitized by prior expression to RANTES. [UniProt]
Calculated Mw	14 kDa

Images



ARG66044 anti-CCL16 / LEC antibody (Biotin) standard curve image

Direct ELISA: ARG66044 anti-CCL16 / LEC antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66044 anti-CCL16 / LEC antibody (Biotin) standard curve image

Sandwich ELISA: ARG66044 anti-CCL16 / LEC antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG66043 anti-CCL16 / LEC antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.