

# **CCL16/LEC Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58028

### **Specification**

# **CCL16/LEC Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, E

Primary Accession
Host
Clonality
Calculated MW
Physical State

O15467
Rabbit
Polyclonal
11 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human CCL16

Epitope Specificity 24-120/120

lsotype IgG

Purity

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Secreted

SIMILARITY Belongs to the intercrine beta (chemokine

CC) family.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

# **Background Descriptions**

affinity purified by Protein A

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]

### CCL16/LEC Polyclonal Antibody - Additional Information

### **Gene ID** 6360

### **Other Names**

C-C motif chemokine 16, Chemokine CC-4, HCC-4, Chemokine LEC, IL-10-inducible chemokine, LCC-1, Liver-expressed chemokine, Lymphocyte and monocyte chemoattractant, LMC, Monotactin-1, MTN-1, NCC-4, Small-inducible cytokine A16, CCL16, ILINCK, NCC4, SCYA16

### Target/Specificity

Mainly expressed in liver, also found in spleen and thymus. Highly expressed in LPS- and IFN-gamma-activated monocytes, weakly in some lymphocytes, including natural killer cells, gamma-delta T-cells, and some T-cell clones.



Tel: 858.875.1900 Fax: 858.875.1999

#### **Dilution**

<span class ="dilution IHC-P">IHC-P~~N/A</span><br \><span class</pre> ="dilution IHC-F">IHC-F~~N/A</span><br \><span class ="dilution\_IF">IF $\sim$ 1:50 $\sim$ 200</span><br/>span class ="dilution\_E">E $\sim$ N/A</span>

#### **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

# **CCL16/LEC Polyclonal Antibody - Protein Information**

### Name CCL16

Synonyms ILINCK, NCC4, SCYA16

# **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.

#### **Cellular Location**

Secreted.

#### **Tissue Location**

Mainly expressed in liver, also found in spleen and thymus. Highly expressed in LPS- and IFN-gamma-activated monocytes, weakly in some lymphocytes, including natural killer cells, gamma-delta T-cells, and some T-cell clones

### **CCL16/LEC Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

### CCL16/LEC Polyclonal Antibody - Images