

## LEC Antibody / HCC-4 / CCL16 (RQ4655)

Catalog No.	Formulation	Size
RQ4655	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	O15467
<b>Applications</b>	Western Blot : 0.5-1ug/ml ELISA (Capture) : 1-5ug/ml (human recombinant protein)
<b>Limitations</b>	This LEC antibody is available for research use only.



Western blot testing of human A431 lysate with LEC antibody at 0.5ug/ml. Predicted molecular weight ~14 kDa.

## Description

Chemokine (C-C motif) ligand 16 (CCL16) is a small cytokine belonging to the CC chemokine family that is known under several pseudonyms, including Liver-expressed chemokine (LEC) and Monotactin-1 (MTN-1). 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.

## **Application Notes**

Optimal dilution of the LEC antibody should be determined by the researcher.

## **Immunogen**

Amino acids Q24-Q120 from the human protein were used as the immunogen for the LEC antibody.

## **Storage**

After reconstitution, the LEC antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.