

Rabbit Anti-CXCL14/Cy5 Conjugated antibody

SL1503R-Cy5

Product Name	Anti-CXCL14/Cy5
Chinese Name	Cy5 标记的 CXCCChemokine14 抗体
Alias	1110031L23Rik; 1200006I23Rik; AI414372; BMAc; boleKine; BRAK; C-X-C motif chemokine 14; Chemokine, CXC motif, ligand 14; Chemokine (C-X-C motif) ligand 14; Chemokine BRAK; CXC chemokine in breast and kidney; Cxcl14; CXL14_HUMAN; JSC; Kec; Kidney-expressed chemokine CXC; KS1; MGC10687; MGC124510; MGC90667; MIP 2 gamma; MIP-2G; MIP2G; MIP2gamma; NJAC; PRO273; PSEC0212; Scyb14; Small Inducible Cytokine B14; Small inducible cytokine subfamily B (Cys-X-Cys) member 14 (BRAK); Small Inducible Cytokine subfamily B, member 14; Small-inducible cytokine B14; UNQ240.
Research Area	immunology Chemokine Interferon
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Rat(predicted:Mouse) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	8.5/12kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human CXCL14
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks

at 2-4 °C.

background:

This gene belongs to the cytokine gene family which encode secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC (Cys-X-Cys) subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes but not for lymphocytes, dendritic cells, neutrophils or macrophages. It has been implicated that this cytokine is involved in the homeostasis of monocyte-derived macrophages rather than in inflammation. [provided by RefSeq, Jul 2008].

Function:

Potent chemoattractant for neutrophils, and weaker for dendritic cells. Not chemotactic for T-cells, B-cells, monocytes, natural killer cells or granulocytes. Does not inhibit proliferation of myeloid progenitors in colony formation assays.

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Highly expressed in normal tissue without inflammatory stimuli and infrequently expressed in cancer cell lines. Weakly expressed in monocyte-derived dendritic cells. Not detected in lung or unstimulated peripheral blood lymphocytes.

Similarity:

Belongs to the intercrine alpha (chemokine CxC) family.

Database links:

[Entrez Gene: 511771](#) Cow

[Entrez Gene: 9547](#) Human

[Entrez Gene: 494467](#) Pig

[Entrez Gene: 306748](#) Rat

[Omim: 604186](#) Human

[SwissProt: O95715](#) Human

[Unigene: 483444](#) Human

Product Detail



SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.