

Anti-XCL1/Lymphotactin Antibody
Catalog # ABO12367**Specification**

Anti-XCL1/Lymphotactin Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB, E |
| Primary Accession | P47992 |
| Host | Rabbit |
| Reactivity | Human |
| Clonality | Polyclonal |
| Format | Lyophilized |

Description

Rabbit IgG polyclonal antibody for Lymphotactin(XCL1) detection. Tested with WB, ELISA(Cap) in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-XCL1/Lymphotactin Antibody - Additional Information

Gene ID 6375

Other Names

Lymphotactin, ATAC, C motif chemokine 1, Cytokine SCM-1, Lymphotaxin, SCM-1-alpha, Small-inducible cytokine C1, XC chemokine ligand 1, XCL1, LTN, SCYC1

Calculated MW

12517 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human

 ELISA(Cap), 0.1-0.5 µg/ml

Subcellular Localization

Secreted.

Tissue Specificity

Highest level in spleen, lower in peripheral leukocytes and very low levels in lung, colon and small intestine.

Protein Name

Lymphotactin

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃.

Immunogen

E.coli-derived human Lymphotactin recombinant protein (Position: V22-G114). Human Lymphotactin shares 60.2% and 57% amino acid (aa) sequence identity with mouse and rat Lymphotactin, respectively.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-XCL1/Lymphotactin Antibody - Protein Information

Name XCL1

Synonyms LTN, SCYC1

Function

Chemotactic activity for lymphocytes but not for monocytes or neutrophils. In thymus, mediates medullary accumulation of thymic dendritic cells and contributes to regulatory T cell development, playing a role in self-tolerance establishment.

Cellular Location

Secreted.

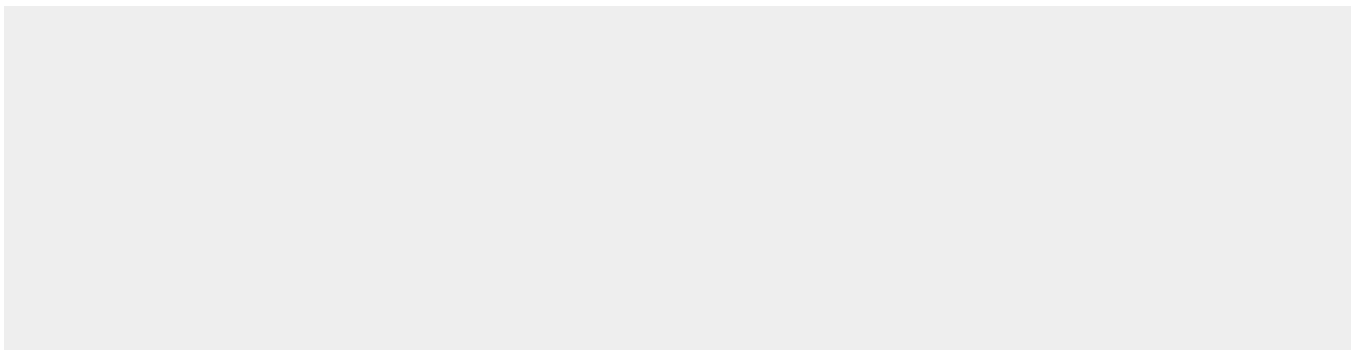
Tissue Location

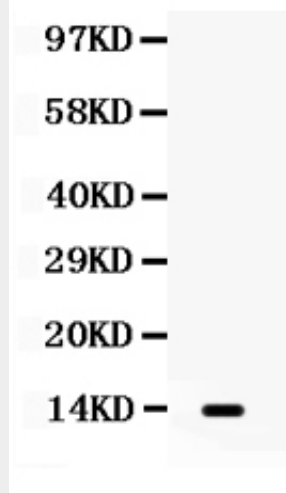
Highest level in spleen, lower in peripheral leukocytes and very low levels in lung, colon and small intestine

Anti-XCL1/Lymphotactin Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-XCL1/Lymphotactin Antibody - Images



Anti- Lymphotactin Picoband antibody, ABO12367, Western blotting All lanes: Anti Lymphotactin (ABO12367) at 0.5ug/ml WB: HELA Whole Cell Lysate at 40ug Predicted bind size: 13KD Observed bind size: 13KD

Anti-XCL1/Lymphotactin Antibody - Background

Chemokine (C motif) ligand (XCL1) is a small cytokine belonging to the XC chemokine family that is also known as lymphotactin. Muller et al. (1995) mapped the gene to chromosome 1q23 by FISH. The sequence of the deduced 114-amino acid protein is most homologous to the CC chemokines CCL8 and CCL3. It is found in high levels in spleen, thymus, intestine and peripheral blood leukocytes, and at lower levels in lung, prostate gland and ovary. XCL1 induces the migration of cells expressing XCR1.