

Anti-XCL1/Lymphotactin Antibody

Catalog # ABO12367

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.

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
Application Details	Western blot, 0.1-0.5 μ g/ml, Human ELISA(Cap), 0.1-0.5 μ g/ml
Subcellular Localization	Secreted.
Tissue Specificity	Highest level in spleen, lower in peripheral leukocytes and very low levels in lung, colon and small intestine.
Source	Eukaryota
Protein Name	Lymphotactin
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
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.

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

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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.