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Datasheet for ABIN1390373

**anti-XCL1 antibody (AA 21-114) (Alexa Fluor 555)**

## Overview

Quantity:	100 µL
Target:	XCL1
Binding Specificity:	AA 21-114
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XCL1 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Lymphotactin
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	XCL1
Alternative Name:	Lymphotactin/Xcl1 ( <a href="#">XCL1 Products</a> )
Background:	Synonyms: Lptn, LTN, XCL1 C mot chemokine 1, SCM 1 alpha, ATAC, Chemokine C Mot Ligand

## Target Details

1, Cytokine SCM-1, LPTN, LTN, Lymphotactin, Lymphotaxin, SCM-1-alpha, SCM1, SCYC1, Small inducible cytokine C1, Small Inducible Cytokine Subfamily C Member 1, Small-inducible cytokine C1, XC chemokine ligand 1, Xcl1, XCL1\_HUMAN.

Background: Lymphotactin is a chemokine-like molecule produced selectively, if not exclusively, by activated CD8+ T cells (1). Lymphotactin is a C-type member of the chemokine superfamily, but retains only the 2nd and 4th of the four cysteine residues conserved in other chemokines (3,4). In normal tissues, lymphotactin is expressed at high levels in spleen, thymus, small intestine, and peripheral blood leukocytes, as well as at low levels in lung, prostate, and ovary (2). Lymphotactin is chemotactic for CD4+ and CD8+ T cells but not for monocytes, and induces a rise in intracellular calcium in peripheral blood lymphocytes (1). The specific receptor for lymphotactin is XCR1, a member of the G protein-coupled receptor family (5). The gene which encodes lymphotactin maps to human chromosome 1q23 (1,2).

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Activated T Cell Proliferation](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months