

**Research Use Only. Not for  
diagnostic or therapeutic use.**

Storage: For long-term storage  
keep aliquots at -20°C. (Store no  
longer than 12 months at 4°C).  
Minimize freezing and thawing.

## EB09195 - Goat Anti-XCL1 / XCL2 Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** small inducible cytokine subfamily C, member 1 (lymphotactin), small inducible cytokine subfamily C, member 2, small inducible cytokine subfamily C, member 1 (lymphotactin), small inducible cytokine subfamily C, member 1 (lymphotactin), region containing small inducible cytokine subfamily C, member 1 (lymphotactin), lymphotactin, OTTHUMP00000060404, OTTHUMP00000032498, SCYC1, SCM1, SCM-1a, SCM-1, LTN, LPTN, ATAC, chemokine (C motif) ligand 1, XCL1

**Official Symbol:** XCL1 / XCL2

**Accession Number(s):** NP\_002986.1; NP\_003166.1

**Human GeneID(s):** [6375](#)

**Important Comments:** XCL1 and CXL2 are almost identical and therefore this antibody is expected to recognize both proteins.

### Immunogen

Peptide with sequence C-RDVVRSMRKSNTNRN, from the internal region of the protein sequence according to NP\_002986.1; NP\_003166.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Preliminary experiments gave an approx 80kDa band in Human Peripheral Blood Mononucleocytes lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 12.5kDa according to NP\_002986.1 and 12.6kDa according to 003166.1. The 80kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human

### Background Reference

Tuinstra RL, Peterson FC, Kutlesa S, Elgin ES, Kron MA, Volkman BF, Interconversion between two unrelated protein folds in the lymphotactin native state. Proc. Natl. Acad. Sci. U.S.A. 2008 Apr 105 (13): 5057-62.

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