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diagnostic or therapeutic use.**

EB09195 - Goat Anti-XCL1 / XCL2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

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