

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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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, OTTHUMP0000060404, 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-RDVVRSMDRKSNTRN, 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