



Anti-XCL1 monoclonal antibody, clone 200002 (DCABY-4123)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Lymphotactin (Lptn), also known as SCM-1a and ATAC, belongs to the C or gamma subfamily of chemokines and has been designated XCL1. Human Lymphotactin encodes a 114 amino acid (aa) precursor with a 21 aa predicted signal peptide. The gene for lymphotactin has been mapped to chromosome 1 in both human and mouse.
Specificity	Detects human XCL1/Lymphotactin in ELISAs and Western blots. In sandwich ELISAs, less than 0.15% cross-reactivity was observed with recombinant mouse MCP-5, recombinant human (rh) MIP-3 beta, rhGRO alpha, rhTGF-alpha, rhGRO gamma, rhActivinRII FcChimera, rhIGF-II, or rhIL-15.
Immunogen	E. coli-derived recombinant human XCL1/Lymphotactin. Val22-Gly114 Accession Number P47992
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	200002
Purification	Protein A or G purified from ascites
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	XCL1 chemokine (C motif) ligand 1 [Homo sapiens (human)]
Official Symbol	XCL1
Synonyms	XCL1; chemokine (C motif) ligand 1; LTN; ATAC; LPTN; SCM1; SCM-1; SCM1A; SCYC1; SCM-1a; lymphotactin; SCM-1-alpha; lymphotaxin; cytokine SCM-1; c motif chemokine 1; XC chemokine ligand 1; single cysteine motif 1a; small-inducible cytokine C1; small induci
Entrez Gene ID	6375
Protein Refseq	NP_002986
UniProt ID	P47992
Chromosome Location	1q23
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (q) signalling events; GPCR downstream signaling; GPCR ligand binding; Gastrin-CREB signalling pathway
Function	chemokine activity; chemokine receptor binding; protein homodimerization activity;