



Anti-XCL1 monoclonal antibody, clone 90333 (DCABY-4173)

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 mouse XCL1/Lymphotactin in ELISAs and Western blots. In sandwich immunoassays, less than 1% cross-reactivity with recombinant human XCL1/Lymphotactin is observed and no cross-reactivity with recombinant viral (rv) CMV UL147 is observed. In Western blots, 75%cross-reactivity with rvCMV UL147 is observed and no cross-reactivity with recombinant human CCL1-3, 5, 7, 8, 11, 13-25, 28, recombinant mouse CCL1-7, 9, 11, 12, 15, 19, 21, 22, 24, 25, 27 or 28 is observed.
Immunogen	E. coli-derived recombinant mouse XCL1/Lymphotactin. Val22-Gly114 Accession Number AAA56752
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	90333
Purification	Protein A or G purified from hybridoma culture supernatant
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, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Xcl1 chemokine (C motif) ligand 1 [Mus musculus (house mouse)]
Official Symbol	XCL1
Synonyms	XCL1; chemokine (C motif) ligand 1; LTN; ATAC; Lptn; SCM-1; Scyc1; SCM-1a; AI661682; lymphotactin; lymphotaxin; cytokine SCM-1; c motif chemokine 1; small-inducible cytokine C1; small inducible cytokine subfamily C, member 1 (lymphotactin);
Entrez Gene ID	16963
Protein Refseq	NP_032536
UniProt ID	P47993
Chromosome Location	1 H2.2; 1 72.26 cM
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; cytokine activity; protein homodimerization activity;