Mouse Lptn/XCL1 Antibody Pair Set

Catalog No. E-KAB-0714 **Applications** ELISA
Synonyms SCYC1;LTN;ATAC;SCM-1a;SCM-1

Kit components & Storage

Title	Specifications	Storage
Mouse Lptn/XCL1 Capture Antibody	1 vial, 100 μg	Store at -20℃. Avoid freeze / thaw cycles.
Mouse Lptn/XCL1 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃. Avoid freeze / thaw cycles.

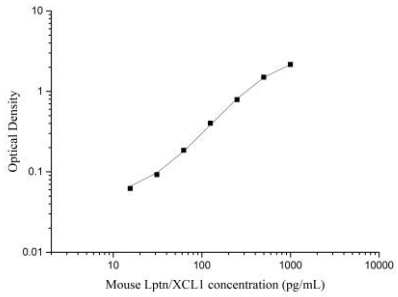
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0714)	
		Mouse Lptn/XCL1 Capture Antibody	Mouse Lptn/XCL1 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse Lptn protein	Recombinant Mouse Lptn protein
	Swissprot	P47993	
Product details	Reactivity	Mouse	Mouse
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Affinity purification	Affinity purification
	Specificity	Detects Mouse Lptn in ELISAs.	

Applications

Mouse Lptn Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4ug/mL	Mouse Lptn/XCL1 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse Lptn/XCL1 Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

XCL1,also known as lymphotactin,is an inflammatory chemokine secreted by T cells and natural killer (NK) cells. Early reports described XCL1 as a mediator of T cell and NK cell migration,but recent studies suggest a highly specialized role for XCL1 and its receptor XCR1. The XCL1-XCR1 axis has been shown to play an important role in the dendritic cell mediated cytotoxic immune response and in the formation of self-tolerance mechanisms through the development of regulatory T cells within the thymus. XCL1 also acts as a conformation-dependent inhibitor of HIV-1. Unlike other chemokines,XCL1 conformation interchanges between conserved chemokine folds and an unrelated dimeric structure under physiological conditions.