Data Sheet (Cat.No.TMAY-02592)

Anti-XCL2 Antibody (4W639)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4W639
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human XCL2 Protein (TMPY-02724)
Antigen Species:	Human
Synonyms:	SCM1B;SCM-1b;chemokine (C motif) ligand 2;SCYC2;hCG_1729916

Research Background

XCL2 is a small cytokine belonging to the XC chemokine family. Chemokines are a group of cytokines. Members of this group of so-called C-Chemokines belong to the SCY family of cytokines and are designated XCL (L for ligand) followed by a number. XCL2 is the new designation of SCM-1-beta. XCL2 is highly related to another chemokine called XCL1. XCL2 gene is located on chromosome 1 in humans. XCL2 is predominantly expressed in activated T cells, but can also be found at low levels in unstimulated cells. XCL2 induces chemotaxis of cells expressing the chemokine receptor XCR1. XCL2 gene has been proposed to participate in pathways (Chemokine signaling pathway, Cytokine-cytokine receptor interaction) and processes (blood circulation, signal transduction, chemotaxis, immune response). XCL2 are expected to have molecular function (chemokine activity) and to localize in various compartments (extracellular space, extracellular region). A putative protein interactor has been described (XCR1). The spliced mRNA putatively encodes a good protein, containing small cytokines (intecrine / chemokine), interleukin-8 like domain; the complete protein appears to be secreted.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481