

Anti-CXCL13/BCA-1 Antibody (6I514)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Canine
Conjugation:	Unconjugated
Clone:	6I514
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: Canine BCA-1 / CXCL13 Protein (TMPY-03708)
Antigen Species:	Canine
Synonyms:	BLC;ANGIE;chemokine (C-X-C motif) ligand 13;SCYB13;BCA1;ANGIE2;BLR1L;BCA-1

Research Background

The chemokine CXCL13, also known as BCA-1 (B-cell-attracting chemokine-1) or BLC (B-lymphocyte chemoattractant), which belongs to the CXC chemokine family. CXCL13 and its receptor CXCR5 control the organization of B cells within follicles of lymphoid tissues. CXCL13 is known to dictate homing and motility of B cells in lymphoid tissue and has been implicated in the formation of ectopic lymphoid tissue in chronic inflammation. It involves in B-cell compartmental homing within secondary lymphoid organs and recently implicated in the pathogenesis of inflammatory and malignant lymphocyte-mediated diseases. In Primary central nervous system lymphoma (PCNSL), expression of BCA-1 by malignant lymphocytes and vascular endothelium may influence tumor development and localization to central nervous system (CNS). In T-lymphocytes, CXCL13 expression is thought to reflect a germinal center origin of the T-cell. CXCL13 expression may also provide an additional useful tool for the diagnosis of Angioimmunoblastic T-cell lymphoma (AITL).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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