



Anti-CXCL13 polyclonal antibody [Biotin] (DPABY-506)

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

PRODUCT INFORMATION

Antigen Description	B cell-attracting chemokine 1(BCA-1), also known as B-lymphocyte chemoattractant (BLC), is a CXC chemokine that is constitutively expressed in secondary lymphoid organs. Mature human BCA-1 shares 64% amino acid sequence identity with the mouse protein.
Specificity	Detects mouse CXCL13 in ELISAs and Western blots. In sandwich immunoassays, less than 0.05% cross-reactivity with recombinant human CXCL13, recombinant mouse (rm) I-TAC, rmMIG, and rmSDF-1 alpha is observed.
Immunogen	E. coli-derived recombinant mouse CXCL13/BLC . Ile22-Ala109 Accession Number Q3U1E8
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
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	Cxcl13 chemokine (C-X-C motif) ligand 13 [Mus musculus (house mouse)]
Official Symbol	CXCL13
Synonyms	CXCL13; chemokine (C-X-C motif) ligand 13; BLC; Angie; BCA-1; BLR1L; ANGIE2; Scyb13; 4631412M08Rik; C-X-C motif chemokine 13; CXC chemokine BLC; B lymphocyte chemoattractant; small-inducible cytokine B13; small inducible cytokine subfamily B (Cys-X-Cys),
Entrez Gene ID	55985
Protein Refseq	NP_061354
UniProt ID	Q55038
Chromosome Location	5 E3; 5
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; Peptide ligand-binding receptors
Function	CCR10 chemokine receptor binding; CXCR3 chemokine receptor binding; CXCR5 chemokine receptor binding; chemokine activity; cytokine activity; fibroblast growth factor binding; heparin binding; protein heterodimerization activity; receptor agonist activity;