



Anti-CXCL13 polyclonal antibody [Biotin] (DPABY-412)

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 human BLC/BCA-1 in ELISAs and Western blots. In sandwich immunoassays, less than 0.05% cross-reactivity with recombinant human (rh) GRO alpha, rhGRO beta, rhGRO gamma, rhIL-8, rhIP-10, rhMIG, rhSDF-1 alpha, rmSDF-1 alpha, and rhSDF-1 beta is observed.
Immunogen	E. coli-derived recombinant human CXCL13/BCA-1 . Val23-Arg94 Accession Number Q53X90
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
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 [Homo sapiens (human)]
Official Symbol	CXCL13
Synonyms	CXCL13; chemokine (C-X-C motif) ligand 13; BLC; BCA1; ANGIE; BCA-1; BLR1L; ANGIE2; SCYB13; C-X-C motif chemokine 13; CXC chemokine BLC; B-cell chemoattractant; B-lymphocyte chemoattractant; b lymphocyte chemoattractant; small-inducible cytokine B13; B-cel
Entrez Gene ID	10563
Protein Refseq	NP_006410
UniProt ID	O43927
Chromosome Location	4q21
Pathway	CXCR3-mediated signaling events; 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;
Function	CCR10 chemokine receptor binding; CXCR3 chemokine receptor binding; CXCR5 chemokine receptor binding; chemokine activity; fibroblast growth factor binding; heparin binding; protein heterodimerization activity; receptor agonist activity;