

Datasheet: AHP766B

Description:	RABBIT ANTI HUMAN CXCL13:Biotin
Specificity:	CXCL13
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.25 - 1.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG conjugated to Biotin - lyophilised
Reconstitution	Reconstitute with 0.5ml sterile PBS containing 0.1% Bovine Serum Albumin. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. N.B. For long term storage the addition of 0.09% sodium azide is recommended.
Antiserum Preparation	Antisera to human CXCL13 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	0.1 mg/ml after reconstitution

Immunogen [Recombinant human CXCL13.](#)

External Database Links

UniProt:
[O43927](#) [Related reagents](#)

Entrez Gene:
[10563](#) CXCL13 [Related reagents](#)

Synonyms BCA1, BLC, SCYB13

Specificity **Rabbit anti Human CXCL13 antibody** recognizes human BCA-1 (B cell attractant chemokine), a 10.1 kDa CXC cytokine designated CXCL13, a potent chemoattractant for B lymphocytes expressed at high levels in the liver and to a lesser extent by lymph nodes, spleen, stomach, appendix and salivary glands.

BCA-1 functions as a ligand for Burkitt's lymphoma receptor 1 (BLR-1), a chemokine receptor designated CXCR5, expressed by all mature B lymphocytes.

ELISA This biotinylated human CXCL13 antibody may be used in a direct ELISA or as the detection reagent in a sandwich ELISA with our [purified human CXCL13 antibody](#) (AHP766) as the capture reagent and [recombinant human CXCL13](#) (PHP129) as the standard.

References 1. Gunn, M.D. *et al.* (1998) A B-cell-homing chemokine made in lymphoid follicles activates Burkitt's lymphoma receptor-1. [Nature](#). 391: 799-803.

Storage Prior to reconstitution store at +4°C.
After reconstitution store at -20°C.
Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 12 months from date of reconstitution.

Health And Safety Information Material Safety Datasheet Documentation #10162 available at: <https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

STREPTAVIDIN (STAR119...) [APC](#)

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