

## Datasheet: AHP766

<b>Description:</b>	RABBIT ANTI HUMAN CXCL13
<b>Specificity:</b>	CXCL13
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.5ug/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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - lyophilised
<b>Reconstitution</b>	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended.
<b>Antiserum Preparation</b>	Antisera to human CXCL13 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present.
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	<a href="#">Recombinant human CXCL13</a> .

**External Database  
Links**

**UniProt:**

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

**Entrez Gene:**

[10563](#) CXCL13 [Related reagents](#)

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**Synonyms**

BCA1, BLC, SCYB13

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**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.

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**ELISA**

This purified human CXCL13 antibody may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA with our [biotinylated human CXCL13 antibody](#) (AHP766B) as the detection reagent and [recombinant human CXCL13](#) (PHP129) as the standard.

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**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.

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**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.

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**Shelf Life**

12 months from date of reconstitution.

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**Health And Safety  
Information**

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

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (2AB02...)

[Biotin](#)

Sheep Anti Rabbit IgG (STAR34...)

[FITC](#)

Sheep Anti Rabbit IgG (STAR35...)

[RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...)

[Biotin](#), [FITC](#), [HRP](#)

Goat Anti Rabbit IgG (H/L) (STAR124...)

[HRP](#)

Sheep Anti Rabbit IgG (STAR54...)

[HRP](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight®488](#), [DyLight®549](#), [DyLight®649](#),  
[DyLight®680](#), [DyLight®800](#)

### Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

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