### Product Details

**RRID**: AB_2245651

**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).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<td>0.25 - 1.0µg/ml</td>
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<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<td>0.1 - 0.2µg/ml</td>
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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**: 0.1 mg/ml after reconstitution
Concentrations

**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**  

**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.

**Guarantee**  
12 months from date of reconstitution.

**Health And Safety Information**  
Material Safety Datasheet documentation #10162 available at:  

**Regulatory**  
For research purposes only