

## Anti-BCA1/CXCL13 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PB9999-Fluoro550

### About Cxcl13

C-X-C motif chemokine 13 (CXCL13), also known as B cell-attracting chemokine 1 (BCA-1), is a protein that in humans is encoded by the CXCL13 gene. CXCL13 is a small cytokine belonging to the CXC chemokine family. Its gene is mapped to human chromosome 4 in a cluster of other CXC chemokines. This protein has contained 109 amino acids. It is expressed highly in the liver, spleen, lymph nodes and gut of humans. The protein induces chemotaxis of BLR1-expressing B cells.

### Overview

Product Name	Anti-BCA1/CXCL13 Antibody Picoband® Fluoro550 Conjugated
Reactive Species	Mouse
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O55038

### Technical Details

Immunogen	E. coli-derived mouse BCA1 recombinant protein (Position: I22-A109). Mouse BCA1 shares 45.3% amino acid (aa) sequence identity with human BCA1.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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