

## Anti-Bcl2 alpha Antibody Picoband® Fluoro594 Conjugated

Catalog Number: RP1003-Fluoro594

### About BCL2

Immunoreactive BCL2 protein in the neoplastic cells of almost all follicular lymphomas whereas no BCL2 protein was detected in follicles affected by nonneoplastic processes or in normal lymphoid tissue. Every tumor with molecular-genetic evidence of t(14;18) translocation expressed detectable levels of BCL2 protein, regardless of whether the breakpoint was located in or at a distance from the BCL2 gene. Overexpression of BCL2 blocks the apoptotic death of a pro-B-lymphocyte cell line.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-Bcl2 alpha Antibody Picoband® Fluoro594 Conjugated   |
| Reactive Species     | Human   |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, 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           | P10415  |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E. coli-derived human BCL-2 recombinant protein (Position: M1-D211).      |
| Cross Reactivity    | No cross-reactivity with other proteins                                   |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | Fluoro594<br>Excitation Wavelength: 593 nm<br>Emission Wavelength: 618 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users.                      |

## 162 Publications Citing This Product

---

1. PubMed ID: 10.1016/j.biopha.2018.09.024, Scutellarein selectively targets multiple myeloma cells by increasing mitochondrial superoxide production and activating intrinsic apoptosis pathway
2. PubMed ID: 31215421, Long J,Liu Z,Hui L.Anti-tumor effect and mechanistic study of elemene on pancreatic carcinoma.BMC Complement Altern Med.2019 Jun 18;19(1):133.doi: 10.1186/s12906-019-2544-2.PMID:31215421;PMCID:PMC6582541.
3. PubMed ID: 34116043, Chen M,Wang Z,Zhou W,Lu C.,Ji T,Yang W,Jin Z,Tian Y,Lei W,Wu S,Fu Q,Wu Z,Wu X,Han M,Fang M,Yang Y.SIRT1/PGC-1alpha signaling activation by mangiferin attenuates cerebral hypoxia/reoxygenation injury in neuroblastoma cells.Eur J Pharmacol.2021 Jun 8:174236.doi:10.1016/j.ejphar.2021.174236.Epub ahead of print.PMID:34116043.

Visit [bosterbio.com/anti-human-bcl-2-antibody-rp1003-boster.html](https://bosterbio.com/anti-human-bcl-2-antibody-rp1003-boster.html) to see all 162 publications.

## Submit a product review to Biocompare.com

---

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Bcl2 alpha Antibody - Fluoro594

For Research Use Only. Not for use in diagnostic procedures.