

Anti-Bcl2 alpha Antibody Picoband® Fluoro488 Conjugated

Catalog Number: RP1003-Fluoro488

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® Fluoro488 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 ₂ HPO ₄ , 0.02% Na ₃ N.
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	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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.

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