

## Basic Information

<b>Product Name</b>	Anti-BCL2 DyLight 550 Conjugated Antibody
<b>Gene Name</b>	BCL2
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Species Reactivity</b>	human
<b>Tested Application</b>	FCM
<b>Contents</b>	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence in the middle region of human Bcl-2 (102-140aa DDFSRRYRRDFAEMSSQLHLTPFTARGRFATVVEELFRD), identical to the related mouse and rat sequences.
<b>fluorophores</b>	Amax=562nm; Emax=576nm
<b>Conjugate</b>	Dylight 550
<b>concentration</b>	500ug/ml
<b>Purification</b>	Immunogen affinity purified.
<b>Dilution Ratios</b>	Flow cytometry (FCM):1-3 µg/1x10 <sup>6</sup> cells

## Storage

At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.

## Background Information

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.

## Selected Validation Data

Product datasheet

**Anti-BCL2 DyLight 550 Conjugated  
Antibody**

**Catalog Number: A00040-Dyl550**

**BOSTER**

antibody and ELISA experts

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