SunLong Biotech Co.,LTD
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**[ Primary Antibody ]**

# Recombinant Rabbit Anti-BCL2 Monoclonal Antibody

**Catalog Number: SLA0863M**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

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|---|---|
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Monoclonal |
| **Clone No.:** | 6C4 |
| **GeneID:** | 596 |
| **SWISS:** | P10415 |
| **Target:** | BCL2 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human Bcl-2 |
| **Purification:** | affinity purified by Protein A |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | WB (1:2000-10000)<br>IHC-P (1:500-2000)<br>IHC-F (1:500-2000)<br>IF (1:200-1000)<br>ELISA (1:5000-20000)<br>Not yet tested in other applications.<br>Optimal working dilutions must be determined by the end user. |
| **Reactivity:** | Human,Mouse,Rat |
| **Predicted MW.:** | 26 kDa |
| **Subcellular Location:** | Nucleus |
| **Background:** | The Bcl-2 gene was isolated at the chromosomal breakpoint of t(14;18)-bearing follicular B cell lymphomas(1,2).Bcl-2 blocks cell death following a variety of stimuli and confers a death-sparing effect to certain hematopoietic cell lines following growth factor withdrawal (3,5).Bcl-2 appears to function in several subcellular locations yet lacks any known motifs that would confer insight into its mechanism of action (6,7).A more recently identified protein,designated Bax p21(i.e., Bcl-associated X protein ),has extensive |

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| | amino acid homology with Bcl-2 and both homodimerizes and forms heterodimers with Bcl-2(8). Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line and Bax also counters the death repressor activty of Bcl-2(8). |

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