

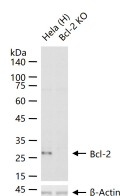
bsm-61074R**[Primary Antibody]****Bioss**
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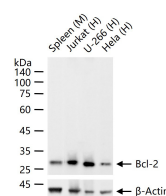
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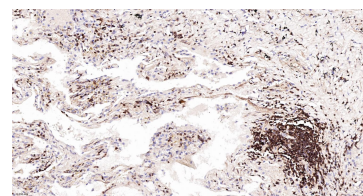
400-901-9800

Bcl-2 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** B9E6**GeneID:** 596**SWISS:** P10415**Target:** Bcl-2**Immunogen:** A synthesized peptide derived from human Bcl 2: 1-239/239.**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°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.**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 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 activity of Bcl-2(8).**Applications:** **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)**Reactivity:** Human, Mouse**Predicted MW.:** 26 kDa**Observed MW.:** 26 kDa**Subcellular Location:** Cell membrane ,Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

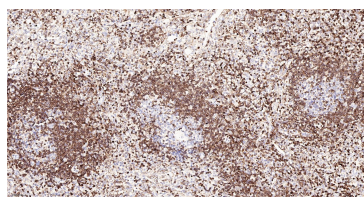
25 ug total protein per lane of various lysates (see on figure) probed with Bcl-2 monoclonal antibody, unconjugated (bsm-61074R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Bcl-2 Monoclonal Antibody, Unconjugated (bsm-61074R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Lymph; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Bcl-2 Monoclonal Antibody, Unconjugated (bsm-61074R) at 1:200 overnight at 4°C, followed by conjugation to the

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

— SELECTED CITATIONS —

- **[IF=17.1]** Lei Liu. et al. Myricetin Oligomer Triggers Multi-Receptor Mediated Penetration and Autophagic Restoration of Blood-Brain Barrier for Ischemic Stroke Treatment. ACS NANO. 2024;XXXX(XXX):XXX-XXX WB ;Mouse. 38533773
- **[IF=5.4]** Lina Liu. et al. Dichloromethane extract from aerial parts of *Ferula sinkiangensis* prevents anhydrous ethanol-induced acute gastric ulcer by regulating PI3K-Akt/JNK/Nrf2 signaling pathway. J ETHNOPHARMACOL. 2026 Feb;357:120909 WB ;Mouse. 41260549
- **[IF=3.7]** Feng Junkai. et al. Taurine Alleviates Sepsis-Induced Myocardial Injury by Inhibiting NF-κB Pathway-Mediated Inflammation, Mitochondrial Dysfunction, and Apoptosis. CARDIOVASC TOXICOL. 2026 Feb;26(2):27 WB ;Mouse. 41652232
- **[IF=2.9]** Peng Xu. et al. Monotropein alleviates acute pulmonary embolism in rats by inhibiting the NF-κB pathway. IMMUNOPHARM IMMUNOT. 2024 Oct 01 WB ;Rat. 39353867