

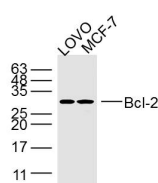
bsm-33047M**[Primary Antibody]****Bioss**
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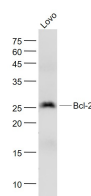
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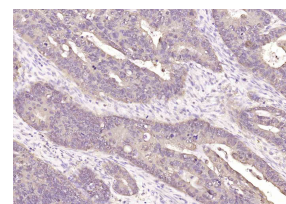
400-901-9800

Bcl-2 Mouse mAb**— DATASHEET —****Host:** Mouse**Isotype:** IgG**Clonality:** Monoclonal**CloneNo.:** 8B5**GeneID:** 596**SWISS:** P10415**Target:** Bcl-2**Immunogen:** KLH conjugated synthetic peptide derived from human Bcl-2: 51-150/239.**Purification:** affinity purified by Protein G**Concentration:** 1mg/ml**Storage:** Size : 50ul/100ul/200ul
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Size : 200ug (PBS only)
0.01M PBS
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, Rat
(predicted: Mouse, Rabbit, Pig, Sheep, Cow, Dog, GuineaPig, Horse)**Predicted MW.:** 26 kDa**Subcellular Location:** Cell membrane ,Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

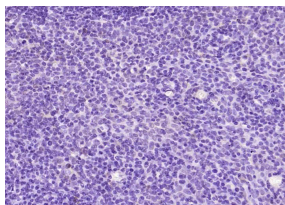
Sample: LOVO Cell (Human) Lysate at 40 ug
MCF-7 Cell (Human) Lysate at 40 ug
Primary: Anti- Bcl-2 (bsm-33047M) at 1/2 000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 26 kD
Observed band size: 28 kD



Sample: LOVO(Human) Cell Lysate at 30 ug
Primary: Anti- Bcl-2 (bsm-33047M) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 26 kD
Observed band size: 26 kD



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Bcl-2) Monoclonal Antibody, Unconjugated (bsm-33047M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Bcl-2) Monoclonal Antibody, Unconjugated (bsm-33047M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=18.027]** Guangmin Li. et al. Chiral FA Conjugated CdTe/CdS Quantum Dots for Selective Cancer Ablation. ACS NANO. 2022;16(8):12991–13001 WB ;Human. 35969155
- **[IF=6.208]** Anqi Yang. et al. FZD7, Regulated by Non-CpG Methylation, Plays an Important Role in Immature Porcine Sertoli Cell Proliferation. INT J MOL SCI. 2023 Jan;24(7):6179 WB ;Pig. 37047150
- **[IF=5.076]** Chao Zhang. et al. Affibody Modified G-quadruplex DNA Micelles Incorporating Polymeric 5-Fluorodeoxyuridine for Targeted Delivery of Curcumin to Enhance Synergetic Therapy of HER2 Positive Gastric Cancer. Nanomaterials-Basel. 2022 Jan;12(4):696 WB ;Human. 10.3390/nano12040696
- **[IF=4.501]** Jingwei Song. et al. Swine MicroRNAs ssc-miR-221-3p and ssc-miR-222 Restrict the Cross-Species Infection of Avian Influenza Virus. J Virol. 2020 Nov;94(23):e01700-20 WB ;Pig. 32907982
- **[IF=4.556]** Chunyue Wang. et al. Isoforsythiaside Attenuates Alzheimer' s Disease via Regulating Mitochondrial Function Through the PI3K/AKT Pathway. Int J Mol Sci. 2020 Jan;21(16):5687 WB ;Mouse, Human. 32784451